# Yahoo Group Archive:
# ic706 (2010 — 2015)

Yahoo Group summary: iCOM 706 User Forum

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2015. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-01-02 through 2015-12-18

Source WARC: yahoo-groups-2015-12-27T18:41:50Z-1iivmk.warc.gz

Source item: https://archive.org/details/yahoo-groups-2015-12-27T18-41-50Z-1iivmk

Messages included in this PDF: 3885

Message records with no body available in the source archive: 1

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

# 17675. Re: Pin Out colors for the HM-103 and HM-118TN

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-02 01:20:51 UTC
From: EdwinB
Topic: 17671  Message: 17675

Ok, Harvey, I have to ask: if you are color blind, of what use is it for you to know the insulation colors?

Regards,
Ed

--- In ic706@yahoogroups.com, "harveyscott2003" <harveyscott2003@...> wrote:
>
> As usually the little clips that keep the mike in my one working 706MK2G have broken off and I need to replace the 8 pin modular connector on both mikes. I can find the pin outs but no where are wire insulation colors mentioned. So if some one with really good eyes, and not color blind as I am, can please look at their connector and give me a heads up, pin #/color I would appreciate it. So would, I am sure, a bunch of other folks with the same issue.
>
> Thanks,
> Harvey K2BOG
>

# 17676. 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-04 02:16:34 UTC
From: Frank
Topic: 17676  Message: 17676

Hi folks, i have a friend who I talk withh almost nightly.
Over the past weeks his audio has started sounding scratchy and he says it should the same way on his receive, almost like its static

Any suggestions? Know problem?

Thanks

# 17677. RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-04 22:47:28 UTC
From: Warren, Edward F
Topic: 17676  Message: 17677

I have a similar intermittent instability problem with my IC-706 MKII in a mobile setup. It also appears as a rough/scratchy CW transmit note. The rig will also independently switch from receive mode to transmit mode - as if PTT were pressed. Sometimes the rig will reset itself, otherwise I power off/on (sometimes multiple times) to reset it. I haven't been able to isolate the problem though. Voltage, temperature, vibration don't seem to be the cause(s).

I too would appreciate suggestions.

73, Ed K8RD
K8RD@...

-----Original Message-----
From: ic706@yahoogroups.com on behalf of Frank
Sent: Sun 1/3/2010 6:16 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Hi folks, i have a friend who I talk withh almost nightly.
Over the past weeks his audio has started sounding scratchy and he says it should the same way on his receive, almost like its static

Any suggestions? Know problem?

Thanks

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17678. RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-05 00:07:14 UTC
From: frank finder
Topic: 17676  Message: 17678

I have had to remove the cabinet and tighten the chassis screws in the past, this fixed the problem of intermittent SWR on 17 meters in my mobil

--- On Mon, 1/4/10, Warren, Edward F <efwarren@att.com> wrote:

From: Warren, Edward F <efwarren@...>
Subject: RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio
To: ic706@yahoogroups.com
Date: Monday, January 4, 2010, 5:47 PM

I have a similar intermittent instability problem with my IC-706 MKII in a mobile setup. It also appears as a rough/scratchy CW transmit note. The rig will also independently switch from receive mode to transmit mode - as if PTT were pressed. Sometimes the rig will reset itself, otherwise I power off/on (sometimes multiple times) to reset it. I haven't been able to isolate the problem though. Voltage, temperature, vibration don't seem to be the cause(s).

I too would appreciate suggestions.

73, Ed K8RD
K8RD@...

-----Original Message-----
From: ic706@yahoogroups. com on behalf of Frank
Sent: Sun 1/3/2010 6:16 PM
To: ic706@yahoogroups. com
Subject: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Hi folks, i have a friend who I talk withh almost nightly.
Over the past weeks his audio has started sounding scratchy and he says it should the same way on his receive, almost like its static

Any suggestions? Know problem?

Thanks

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17679. 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-05 03:42:37 UTC
From: Mike Rodgers
Topic: 17676  Message: 17679

What band? What mode? Distance?

Sent from my iPhone

# 17680. Re: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-05 13:44:49 UTC
From: frank finder
Topic: 17676  Message: 17680

The problem is with a friend of mine's rig...I know it does it on 10 meters and VHF also. He heard it on the receive end and we hear it when he transmits, its wierd because it sounds like static..

--- On Mon, 1/4/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Monday, January 4, 2010, 10:42 PM

What band? What mode? Distance?

Sent from my iPhone

[Non-text portions of this message have been removed]

# 17681. RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-05 14:42:18 UTC
From: Lefczik, Larry D
Topic: 17676  Message: 17681

Is this on FM ?

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of frank finder
Sent: Tuesday, January 05, 2010 8:45 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

The problem is with a friend of mine's rig...I know it does it on 10 meters and VHF also. He heard it on the receive end and we hear it when he transmits, its wierd because it sounds like static..

--- On Mon, 1/4/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@yahoo.com>
Subject: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Monday, January 4, 2010, 10:42 PM

What band? What mode? Distance?

Sent from my iPhone

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 17682. RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-05 15:40:52 UTC
From: frank finder
Topic: 17676  Message: 17682

USB

--- On Tue, 1/5/10, Lefczik, Larry D <Larry.D.Lefczik@...> wrote:

From: Lefczik, Larry D <Larry.D.Lefczik@...>
Subject: RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, January 5, 2010, 9:42 AM

Is this on FM ?

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of frank finder
Sent: Tuesday, January 05, 2010 8:45 AM
To: ic706@yahoogroups. com
Subject: Re: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

The problem is with a friend of mine's rig...I know it does it on 10 meters and VHF also. He heard it on the receive end and we hear it when he transmits, its wierd because it sounds like static..

--- On Mon, 1/4/10, Mike Rodgers <mikerodgerske5gbc@ yahoo.com> wrote:

From: Mike Rodgers <mikerodgerske5gbc@ yahoo.com>
Subject: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio
To: "ic706@yahoogroups. com" <ic706@yahoogroups. com>
Date: Monday, January 4, 2010, 10:42 PM

What band? What mode? Distance?

Sent from my iPhone

[Non-text portions of this message have been removed]

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17683. RE: [ic706] 706 mk22 has intermittentt scratchy receive and transmit audio

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-06 14:07:59 UTC
From: Mike Rodgers
Topic: 17676  Message: 17683

I think this is a unusual problem you have. The only thing I can think of is a noisy mic switch. What's weird is I believe you said you could hear it coming from the transmit radio as well, that's more like rfi. Make sure you do not have a intermittent antenna or feedline problem. Maybe you can monitor swr while this is happening.
That's about all I can think of. Mike

Sent from my iPhone

# 17684. Re: IC706 Distortion

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-07 15:15:39 UTC
From: Daniel
Topic: 17673  Message: 17684

Thank you for the info. I think lack of sufficient power is
the issue. Thanks to all who helped.

Dan, KE7CCQ

--- In ic706@yahoogroups.com, "Bernie McIntosh" <berniemcintosh@...> wrote:
>
>
> I recommend that you try the rig on a 13.8V supply. My IC706 is not capable
> of producing a good signal on a 12v battery if the power setting is on
> maximum. If I run on battery only I keep the power setting down to between 5
> and 7.
>
> Best to use either a high current mains supply on its own, or use a 12v
> battery with a float charger or get a device that maintains a 13.8v supply
> from a 12v battery (there are several on the market - just try google). If
> operating mobile, I keep the power down apart from when I really feel the
> need to run 100W when I keep the engine running to keep the battery topped
> up.
>
> If you get the problem with a 13.8V supply, then you need to be looking
> elsewhere for the problem but I've never experienced RF feedback on all
> bands on any rig.
>
> Regards
>
> Bernie
> GM4WZG
>

# 17685. IC706 Classic Version Display replacement

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-08 12:29:48 UTC
From: João Carlos Pereira de Carvalho
Topic: 17685  Message: 17685

Hello Friend. I've need some help about the LCD display fron IC706 classic version. I've contact the ICOM america and ask about the part number 5010000171(LCD DISPLAY). But I'm in Brazil and they cant send it to me. I ask if some friend in the United States can help me buying this part end send it to me and I will pay out by PayPal.

Many thanks

*73 dx de PY7PC.
*
--
João Carlos Pereira de Carvalho
Civil Engineering student at Federal University of Pernambuco - UFPE
eng.jcarvalho@...
Skype: joao_pcarvalho
+55 81 8846 3707

PY7PC - HI21MS
john.py7pc@...
http://www.py7pc.110mb.com

--
Não imprima e-mails sem necessidade.
Proteja meu endereço como estou protegendo o seu - Envie sempre Cópia Oculta - CCO.
Quando encaminhar mensagens, exclua os endereços que por ventura apareçam no conteúdo da mensagem. Evite a propagação de vírus.

[Non-text portions of this message have been removed]

# 17686. IC706 Classic Version Display replacement

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-08 14:54:18 UTC
From: joao_pcarvalho
Topic: 17685  Message: 17686

Hello Friends.
I've need some help about the LCD display fron IC706 classic version. I've contact the ICOM america and ask about the part number 5010000171(LCD DISPLAY). But I'm in Brazil and they cant send it to me. I ask if some friend in the United States can help me buying this part end send it to me and I will pay out by PayPal.

Many thanks

73 dx de PY7PC.

# 17687. antenna connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-08 22:35:45 UTC
From: hambeemer
Topic: 17687  Message: 17687

I have the icom 706mkii. The connection part for the coax from the antenna is broken. The part has the cable with some small connector that attaches to the pc board for the HF side of the radio.

Where can I order parts for the radio? Icom or after market stores?

This radio has served me well in the past 8 years. In that time its been on 3 BMW motorcycles. Vibrations and being outside in the cold, rain, and heat of summer and it worked great! However the vibrations did take its toll on the connection for the antenna. I have had it on the beemers and amassed over 130,000 miles! Hope to repair it and install it for this coming summer rides to the East coast as well as the west!

73 and stay warm!
tim Lindstrom, ab0ts
minnesota
95 BMW K 1100RS
icom 706mkii
motorcycle mounted Dk-3 screwdriver antenna

# 17688. antenna connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-08 23:32:35 UTC
From: Mike Rodgers
Topic: 17687  Message: 17688

I would think you would have to get that from icom or someone that does a lot of icom repairs and have parts stock. That's probally not a common request. Mike

Sent from my iPhone

# 17689. No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-08 23:44:28 UTC
From: legallimitplus
Topic: 17689  Message: 17689

Hello,
I have a Ic-706 that has no receive or transmit. The radio will come on and do everything else fine, and the volume works as you get sound on fm and a little on the other modes. When you press the ptt button the radios tx relay clicks and the light moves to tx, but zero power out. I really appreciate any thoughts you guys might have on the possible cause. Thanks so much.

# 17690. Fwd: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 12:16:14 UTC
From: João Carlos Pereira de Carvalho
Topic: 17690  Message: 17690

What is the mode that you have transmit? SSB or FM?
You can see the Mic Gain.

73 de PY7PC

2010/1/8 legallimitplus <legallimitplus@...>

>
> Hello,
> I have a Ic-706 that has no receive or transmit. The radio will come on and
> do everything else fine, and the volume works as you get sound on fm and a
> little on the other modes. When you press the ptt button the radios tx relay
> clicks and the light moves to tx, but zero power out. I really appreciate
> any thoughts you guys might have on the possible cause. Thanks so much.
>
>
>

--
Jo?o Carlos Pereira de Carvalho
Civil Engineering student at Federal University of Pernambuco - UFPE
eng.jcarvalho@gmail.com
Skype: joao_pcarvalho
+55 81 8846 3707

PY7PC - HI21MS
john.py7pc@gmail.com
http://www.py7pc.110mb.com

--
N?o imprima e-mails sem necessidade.
Proteja meu endere?o como estou protegendo o seu - Envie sempre C?pia Oculta
- CCO.
Quando encaminhar mensagens, exclua os endere?os que por ventura apare?am no
conte?do da mensagem. Evite a propaga??o de v?rus.

[Non-text portions of this message have been removed]

# 17691. Re: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 15:41:57 UTC
From: Bob Reiff
Topic: 17689  Message: 17691

Have you had it apart and looked at the circuit from the center of the coax plug to the circuit board and into the antenna tuner? Has lightening been involved?

Bob, WA8ULW

legallimitplus wrote:

> 
> 
> Hello,
> I have a Ic-706 that has no receive or transmit. The radio will come
> on and do everything else fine, and the volume works as you get sound
> on fm and a little on the other modes. When you press the ptt button
> the radios tx relay clicks and the light moves to tx, but zero power
> out. I really appreciate any thoughts you guys might have on the
> possible cause. Thanks so much.
> 
> 

[Non-text portions of this message have been removed]

# 17692. Re: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 16:21:46 UTC
From: Rakesh Kapoor
Topic: 17689  Message: 17692

Check IF antenna is getting connected  with  radio OR Check  IF there is a fuse between antenna connector and radio. Look for this fuse inside radio near antenna connector.

Looks as if antenna is not getting connected with radio from inside radio.

VU2RAK

--- On Sat, 9/1/10, legallimitplus <legallimitplus@...> wrote:

From: legallimitplus <legallimitplus@...>
Subject: [ic706] No transmit or receive. Original ic-706
To: ic706@yahoogroups.com
Date: Saturday, 9 January, 2010, 5:14 AM

Hello,

I have a Ic-706 that has no receive or transmit. The radio will come on and do everything else fine, and the volume works as you get sound on fm and a little on the other modes. When you press the ptt button the radios tx relay clicks and the light moves to tx, but zero power out. I really appreciate any thoughts you guys might have on the possible cause. Thanks so much.

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17693. Re: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 17:33:27 UTC
From: Alex Peterson
Topic: 17689  Message: 17693

Thanks for the ideas. I have had the radio apart and everything looks good on both of the coax lines from the S0-259s to the circuit boards. I have tried the radio in every mode to see if there is output. The meter on the lcd doesnt ever move at all in any mode. Also, if i i put it on a frequency and transmit with another radio right beside it, it does not pick it up at all. So it is 100 percent dead on both tx and rx. And i dont know if lightning was involved or not. Im wondering if something in the PLL circuit could be causing this??. Thanks again. Oh and the one fuse i found is good.

[Non-text portions of this message have been removed]

# 17694. Re: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 19:16:47 UTC
From: Rakesh Kapoor
Topic: 17689  Message: 17694

Looks like some oscillator is not working. could be PLL

VU2RAK

--- On Sat, 9/1/10, Alex Peterson <legallimitplus@...> wrote:

From: Alex Peterson <legallimitplus@...>
Subject: Re: [ic706] No transmit or receive. Original ic-706
To: ic706@yahoogroups.com
Date: Saturday, 9 January, 2010, 11:03 PM

Thanks for the ideas. I have had the radio apart and everything looks good on both of the coax lines from the S0-259s to the circuit boards. I have tried the radio in every mode to see if there is output. The meter on the lcd doesnt ever move at all in any mode. Also, if i i put it on a frequency and transmit with another radio right beside it, it does not pick it up at all. So it is 100 percent dead on both tx and rx. And i dont know if lightning was involved or not. Im wondering if something in the PLL circuit could be causing this??. Thanks again. Oh and the one fuse i found is good.

[Non-text portions of this message have been removed]

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17695. Re: No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-09 20:39:00 UTC
From: zl1tbg
Topic: 17689  Message: 17695

Hi, my original 706 did this on the vhf ranges - I did not check it on HF, but I found the problem was water had got onto the upper board and shorted/ corroded around the pll tin can area. If the pll is unlocked, the transmit power is inhibited however I recall the display still indicates TX mode.

I was very lucky to be able to clean this off with CRC 2-26 and the radio has been working perfectly since 2 years ago. I dont let water get in again!

Ralph ZL1TBG

--- In ic706@yahoogroups.com, Rakesh Kapoor <vu2rak@...> wrote:
>
> Looks like some oscillator is not working. could be PLL
>
> VU2RAK
>
> --- On Sat, 9/1/10, Alex Peterson <legallimitplus@...> wrote:
>
> From: Alex Peterson <legallimitplus@...>
> Subject: Re: [ic706] No transmit or receive. Original ic-706
> To: ic706@yahoogroups.com
> Date: Saturday, 9 January, 2010, 11:03 PM
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Thanks for the ideas. I have had the radio apart and everything looks good on both of the coax lines from the S0-259s to the circuit boards. I have tried the radio in every mode to see if there is output. The meter on the lcd doesnt ever move at all in any mode. Also, if i i put it on a frequency and transmit with another radio right beside it, it does not pick it up at all. So it is 100 percent dead on both tx and rx. And i dont know if lightning was involved or not. Im wondering if something in the PLL circuit could be causing this??. Thanks again. Oh and the one fuse i found is good.Â

>

# 17696. No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-10 01:38:38 UTC
From: Mike Rodgers
Topic: 17689  Message: 17696

Do you mean no power out on hf am or fm?

Sent from my iPhone

# 17697. Re: [ic706] No transmit or receive. Original ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-10 16:06:15 UTC
From: Mike Rodgers
Topic: 17689  Message: 17697

??antenna tuner??

Sent from my iPhone

# 17698. Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-10 22:22:49 UTC
From: Larry J. Ford
Topic: 17698  Message: 17698

I'm looking at getting into the digital modes, which I must admit I'm rather confused by [1], and wrestling with the proper interface device to use with:

1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or

2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have the Kenwood factory RS-232 interface device for the TS-870S)

I "think" my choices have been narrowed down to:

1. The "Signalink USB" from Tigertronics;

2. The West Mountain Radio "RIGblaster Plug & Play" (which has the added advantage of acting as a CI/V control interface for the 706, as I understand it); and,

3. Building the soundcard interface kit for "FL Digi" and other modes featured in QST back in the summer of 2009. I have the kit, but haven't built it yet.

I also have an old (20 years +-) Kantronics KAM that I recently bought from the estate of an SK, but don't have the original software for it (although I do have the manuals). It appears to be more complicated to use than one of the more modern interfaces listed above, and is no longer supported in any way by Kantronics.

As far as software that I "know" I'll want to use, that would be WinLink, which has pretty much been adopted by NC ARES for EMCOMM use. I'm involved with ARES in NC.

Any advice, comments, recommendations from those of you who are experienced digital operators?

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] I have no problems with computers in general, and have been "hands-on" with PCs, networking and related activities since 1983. I just find the plethora of digital modes for amateur radio somewhat overwhelming!

[Non-text portions of this message have been removed]

# 17699. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-10 22:51:29 UTC
From: AB1DD
Topic: 17698  Message: 17699

Larry,

I use the SL usb version with a 706IIG, a 7000, an Elecraft K3, and a Kenwood 480 before I sold it. It has it's own sound card. That way, you set the software to use it instead of the computer card. By doing that, the "microsoft" sounds won't get transmitted if you forget to turn them off. Also, the levels are knobs on the SL, so it is easy to set. This unit will work with just about any radio. The jumper settings are easy to change if needed. This unit will also control the transmit on all those radios so a serial control isn't needed. Highly recommended. Follow Signslink's instructions and it's a breeze!

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Sun, 1/10/10, Larry J. Ford <lford@usa.net> wrote:

From: Larry J. Ford <lford@...>
Subject: [ic706] Digital Modes - Recommended Interface - Advice ??
To: ic706@yahoogroups.com
Cc: KENWOODTS870@yahoogroups.com, NVIS@yahoogroups.com
Date: Sunday, January 10, 2010, 5:22 PM

I'm looking at getting into the digital modes, which I must admit I'm rather confused by [1], and wrestling with the proper interface device to use with:

1. Primarily, an ICOM 706 MKII (for base/mobile/ portable use); and/or

2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have the Kenwood factory RS-232 interface device for the TS-870S)

I "think" my choices have been narrowed down to:

1. The "Signalink USB" from Tigertronics;

2. The West Mountain Radio "RIGblaster Plug & Play" (which has the added advantage of acting as a CI/V control interface for the 706, as I understand it); and,

3. Building the soundcard interface kit for "FL Digi" and other modes featured in QST back in the summer of 2009. I have the kit, but haven't built it yet.

I also have an old (20 years +-) Kantronics KAM that I recently bought from the estate of an SK, but don't have the original software for it (although I do have the manuals). It appears to be more complicated to use than one of the more modern interfaces listed above,

and is no longer supported in any way by Kantronics.

As far as software that I "know" I'll want to use, that would be WinLink, which has pretty much been adopted by NC ARES for EMCOMM use. I'm involved with ARES in NC.

Any advice, comments, recommendations from those of you who are experienced digital operators?

Thanks and 73,

Larry J. Ford

KG4GPJ

[1] I have no problems with computers in general, and have been "hands-on" with PCs, networking and related activities since 1983. I just find the plethora of digital modes for amateur radio somewhat overwhelming!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17700. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-11 04:41:18 UTC
From: Todd
Topic: 17698  Message: 17700

Hi Larry,

My recommendation, don't even waste money on a interface unless you absolutely have to have a separate sound card. The Accy connection on the back of the 706 can take care of all your audio in and out. I have cables going from the audio out and audio in of the accy jack straight to the computer sound card. I am sure there are some here that say you just have to have isolation from ground between the computer and the radio but I haven't found that to be the case. Now I have found that to be the case if you are going to try and use the mic jack, but on the several HF rigs I have owned in the past few years, as long as I have used the accy jack on the rear of the rig I haven't had problem one. I guess if you want the knobs to adjust levels instead of the software sliders then by all means get that fancy interface.

So all you really need is a cheap CIV cable off of Ebay, or other places, for rig control and PTT, a din plug for the accy jack on the back of the Icom, and a few connectors for plugging it all in to your sound card. You will probably spend a whole 20 dollars on the whole thing. Heck of a lot cheaper than the 100 dollars plus those commercial interfaces are going to cost you. If you already have an auto tuner connected to the accy jack on the back of the rig you can just add some pigtails and connectors to the existing din plug and it won't interfere at all with the auto tuner. Give me a shout if I can help you out in any way. I am good on QRZ.

Todd
NØKMA

From: Larry J. Ford
Sent: Sunday, January 10, 2010 4:22 PM
To: ic706@yahoogroups.com
Cc: KENWOODTS870@yahoogroups.com ; NVIS@yahoogroups.com
Subject: [ic706] Digital Modes - Recommended Interface - Advice ??

I'm looking at getting into the digital modes, which I must admit I'm rather confused by [1], and wrestling with the proper interface device to use with:

1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or

2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have the Kenwood factory RS-232 interface device for the TS-870S)

I "think" my choices have been narrowed down to:

1. The "Signalink USB" from Tigertronics;

2. The West Mountain Radio "RIGblaster Plug & Play" (which has the added advantage of acting as a CI/V control interface for the 706, as I understand it); and,

3. Building the soundcard interface kit for "FL Digi" and other modes featured in QST back in the summer of 2009. I have the kit, but haven't built it yet.

I also have an old (20 years +-) Kantronics KAM that I recently bought from the estate of an SK, but don't have the original software for it (although I do have the manuals). It appears to be more complicated to use than one of the more modern interfaces listed above, and is no longer supported in any way by Kantronics.

As far as software that I "know" I'll want to use, that would be WinLink, which has pretty much been adopted by NC ARES for EMCOMM use. I'm involved with ARES in NC.

Any advice, comments, recommendations from those of you who are experienced digital operators?

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] I have no problems with computers in general, and have been "hands-on" with PCs, networking and related activities since 1983. I just find the plethora of digital modes for amateur radio somewhat overwhelming!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17701. ICOM IC-7200

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-13 03:51:23 UTC
From: Larry J. Ford
Topic: 17701  Message: 17701

Anyone on the list using or familiar with the IC-7200?

I'm thinking of selling/trading a Kenwood TS-870S I've been using for my base rig and getting the 7200 for use as a base rig (with the added benefit that the 7200 is more "field-deployable" than the TS-870S).

Comments and reviews based on operating experienced appreciated.

73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 17702. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-10 23:36:57 UTC
From: Gayle Burrage
Topic: 17698  Message: 17702

I bought a Donner Digital Interface for my IC 706 and have been very happy with it. They are $45 plus shipping with the appropriate cables for the radio. Google Donner Digital Interface and check them out. Very reasonably priced .

Gayle W5HMM

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
>
> 1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or
>
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
>
> I "think" my choices have been narrowed down to:
>
> 1. The "Signalink USB" from Tigertronics;
>
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
>
> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
>
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.
> I'm involved with ARES in NC.
>
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
>
> Thanks and 73,
>

> Larry J. Ford
> KG4GPJ
>
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>
> [Non-text portions of this message have been removed]
>
>

# 17703. RE: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-13 16:40:30 UTC
From: Lefczik, Larry D
Topic: 17698  Message: 17703

Or you can build one like hams did in the old days.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Gayle Burrage
Sent: Sunday, January 10, 2010 6:37 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Digital Modes - Recommended Interface - Advice ??

I bought a Donner Digital Interface for my IC 706 and have been very
happy with it. They are $45 plus shipping with the
appropriate cables for the radio. Google Donner Digital Interface and
check them out. Very reasonably priced .

Gayle W5HMM

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
>
> 1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or
>
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
>
> I "think" my choices have been narrowed down to:
>
> 1. The "Signalink USB" from Tigertronics;
>
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
>
> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
>
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.

> I'm involved with ARES in NC.
>
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>
> [Non-text portions of this message have been removed]
>
>

---

Yahoo! Groups Links

# 17704. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-13 16:48:45 UTC
From: Larry J. Ford
Topic: 17698  Message: 17704

By "build one like hams did in the old days," are you referring to kits like I mentioned in my original posting?

> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>

Of course, that's only good for sound card mods, and not exactly a TNC like the SCS units.

Is there a good kit for a true TNC comparable to the SCS units?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Lefczik, Larry D
To: ic706@yahoogroups.com
Sent: Wednesday, January 13, 2010 11:40 AM
Subject: RE: [ic706] Digital Modes - Recommended Interface - Advice ??

Or you can build one like hams did in the old days.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Gayle Burrage
Sent: Sunday, January 10, 2010 6:37 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Digital Modes - Recommended Interface - Advice ??

I bought a Donner Digital Interface for my IC 706 and have been very
happy with it. They are $45 plus shipping with the
appropriate cables for the radio. Google Donner Digital Interface and
check them out. Very reasonably priced .

Gayle W5HMM

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
>
> 1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or
>
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
>

> I "think" my choices have been narrowed down to:
>
> 1. The "Signalink USB" from Tigertronics;
>
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
>
> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
>
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.
> I'm involved with ARES in NC.
>
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>
> [Non-text portions of this message have been removed]
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17705. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-13 17:49:00 UTC
From: Joe Isabella
Topic: 17698  Message: 17705

You can build one complete with C-IV interface with plans on the web... I have that includes keying and *could* include C-IV if I wanted, but I already have the Icom one, so I never included it. VERY simple to put together on your own...

Joe, N3JI

---

From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Wed, January 13, 2010 10:40:30 AM
Subject: RE: [ic706] Digital Modes - Recommended Interface - Advice ??

Or you can build one like hams did in the old days.

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of Gayle Burrage
Sent: Sunday, January 10, 2010 6:37 PM
To: ic706@yahoogroups. com
Subject: Re: [ic706] Digital Modes - Recommended Interface - Advice ??

I bought a Donner Digital Interface for my IC 706 and have been very
happy with it. They are $45 plus shipping with the
appropriate cables for the radio. Google Donner Digital Interface and
check them out. Very reasonably priced .

Gayle W5HMM

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
>
> 1. Primarily, an ICOM 706 MKII (for base/mobile/ portable use); and/or
>
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
>
> I "think" my choices have been narrowed down to:
>
> 1. The "Signalink USB" from Tigertronics;
>
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
>
> 3. Building the soundcard interface kit for "FL Digi" and other modes

> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
>
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.
> I'm involved with ARES in NC.
>
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>
> [Non-text portions of this message have been removed]
>
>

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17706. Re: [ic706] Digital Modes - Recommended Interface - Advice ??

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-13 19:55:32 UTC
From: Larry J. Ford
Topic: 17698  Message: 17706

Joe,

Always keep in mind that "... VERY simple ... " to you is probably like brain surgery or rocket science to someone like me!

If there is a kit that I can order, with a pre-printed circuit board (thru-hole) with clear indications of where the components go, which includes all the necessary components and instructions (pictures preferred), so that all I have to do is put the components on the board, dress the leads and solder it up, then that's approaching the "... VERY simple ..." stage for me!

Where can I order a kit like that which will do what you mention below?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Wednesday, January 13, 2010 12:49 PM
Subject: Re: [ic706] Digital Modes - Recommended Interface - Advice ??

You can build one complete with C-IV interface with plans on the web... I have that includes keying and *could* include C-IV if I wanted, but I already have the Icom one, so I never included it. VERY simple to put together on your own...

Joe, N3JI

---

From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Wed, January 13, 2010 10:40:30 AM
Subject: RE: [ic706] Digital Modes - Recommended Interface - Advice ??

Or you can build one like hams did in the old days.

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of Gayle Burrage
Sent: Sunday, January 10, 2010 6:37 PM
To: ic706@yahoogroups. com
Subject: Re: [ic706] Digital Modes - Recommended Interface - Advice ??

I bought a Donner Digital Interface for my IC 706 and have been very
happy with it. They are $45 plus shipping with the
appropriate cables for the radio. Google Donner Digital Interface and
check them out. Very reasonably priced .

Gayle W5HMM

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
>
> 1. Primarily, an ICOM 706 MKII (for base/mobile/ portable use); and/or
>
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
>
> I "think" my choices have been narrowed down to:
>
> 1. The "Signalink USB" from Tigertronics;
>
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
>
> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
>
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
>
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.
> I'm involved with ARES in NC.
>
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>
> [Non-text portions of this message have been removed]
>
>

---------- --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17707. FOR SALE: 13 pin accessory socket plug

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-16 23:25:57 UTC
From: acutler22
Topic: 17707  Message: 17707

I have a 13-pin accessory socket plug available, which can be used to connect the 706 to TNCs, amplifiers and more. Its in good condition, please see photo for details:
http://imgur.com/TkzpDl.jpg
$15 or best offer.

-Anthony, KE7HQY

# 17708. Re: [ic706] FOR SALE: 13 pin accessory socket plug

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-17 11:56:39 UTC
From: Mike Rodgers
Topic: 17707  Message: 17708

Ouch

Sent from my iPhone

On Jan 16, 2010, at 5:25 PM, "acutler22" <acutler22@...> wrote:

I have a 13-pin accessory socket plug available, which can be used to connect the 706 to TNCs, amplifiers and more. Its in good condition, please see photo for details:
http://imgur.com/TkzpDl.jpg
$15 or best offer.

-Anthony, KE7HQY

[Non-text portions of this message have been removed]

# 17709. FS: 6 pin power cord for HF rigs

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-19 20:47:25 UTC
From: John Geiger
Topic: 17709  Message: 17709

I have for sale an unused 6 pin molex plug power cord. 6 feet long with 10/12 gauge wires, suitable for any HF rig, including the Icom 706 and Yaesu FT857/897 series. It did not come with fuses installed, so you will need to add those. I am asking $15 shipped in the US and can take paypal/check/MO.

73s John AA5JG

# 17710. FS: icom FL223 SSB filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-22 23:04:35 UTC
From: John Geiger
Topic: 17710  Message: 17710

I have for sale an Icom FL223 1.9khz SSB filter. Fits in the 706/746/756/725/737 series of radios. Asking $65 shipped in the US, and I can take paypal/check/MO.

73s John AA5JG

# 17711. FS: Icom 706 separation kit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-23 06:47:39 UTC
From: John Geiger
Topic: 15530  Message: 17711

I have for sale 2 of the 3 pieces for the 706 separation kit. I have the mobile mounting bracket (with screws) and the separation cable, but am missing the faceplate bracket. This might be enough for your remote mounting, depending on how your setup is. You can buy this piece by itself, also.

I am asking $32/BO shipped in the US and can take paypal/check/MO.

73s John AA5JG

# 17712. I'm looking for a fl-101

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-23 02:11:16 UTC
From: mtdahms
Topic: 17712  Message: 17712

I am hoping to buy an Icom fl-101 250 hz cw filter. My main interest is cw but my "head" filter isn't as good as it used to be. So if you have one and are not using it and would like a few bucks for it let me know. My main email is mdahms@.... I am also good on QRZ.com, 73 Mike ke4ilg.

# 17713. FM problems

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-26 19:19:27 UTC
From: Jim
Topic: 17713  Message: 17713

I have an older 706MKIIG and the FM mode has quite working. No FM on any band. SSB works fine. Anyone know who to send the radio to for repair and a ballpark figure as to cost. I have had this radio for about 8 years. I has spent its life in an 18-wheeler with the radio body in a plactic tray lying on the floor of the closet. This thing has had a hard life and has over 1 million miles on it, but it just keeps on working (almost). I hate to get rid of it.

# 17714. Re: [ic706] FM problems

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-26 19:47:16 UTC
From: Larry J. Ford
Topic: 17713  Message: 17714

Had the same problem on a 706 MKII, and Matt at SAR Technical Services, the ICOM Service Center in MI, did a fine, quick job of fixing it, and Matt is a fine fellow. http://www.sarts1.com

SAR Technical Services, Inc.
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334

Check-out his stellar reviews on eHam:
http://www.eham.net/reviews/detail/5629

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jim
To: ic706@yahoogroups.com
Sent: Tuesday, January 26, 2010 2:19 PM
Subject: [ic706] FM problems

I have an older 706MKIIG and the FM mode has quite working. No FM on any band. SSB works fine. Anyone know who to send the radio to for repair and a ballpark figure as to cost. I have had this radio for about 8 years. I has spent its life in an 18-wheeler with the radio body in a plactic tray lying on the floor of the closet. This thing has had a hard life and has over 1 million miles on it, but it just keeps on working (almost). I hate to get rid of it.

# 17715. FM problems

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-26 20:56:12 UTC
From: Mike Rodgers
Topic: 17713  Message: 17715

Where are you located, or are still mobile. There are several places.
You can check eham reviews as well.
Mike

Sent from my iPhone

# 17716. Re: [ic706] FM problems

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-27 01:55:44 UTC
From: Ron W8RJL
Topic: 17713  Message: 17716

Did you do a reset on the radio?
Make sure you are not in FM wide.
?
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Tuesday, January 26, 2010 2:47 PM
Subject: Re: [ic706] FM problems

Had the same problem on a 706 MKII, and Matt at SAR Technical Services, the ICOM Service Center in MI, did a fine, quick job of fixing it, and Matt is a fine fellow. http://www.sarts1.com

SAR Technical Services, Inc.
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334

Check-out his stellar reviews on eHam:
http://www.eham.net/reviews/detail/5629

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jim
To: ic706@yahoogroups.com
Sent: Tuesday, January 26, 2010 2:19 PM
Subject: [ic706] FM problems

I have an older 706MKIIG and the FM mode has quite working. No FM on any band. SSB works fine. Anyone know who to send the radio to for repair and a ballpark figure as to cost. I have had this radio for about 8 years. I has spent its life in an 18-wheeler with the radio body in a plactic tray lying on the floor of the closet. This thing has had a hard life and has over 1 million miles on it, but it just keeps on working (almost). I hate to get rid of it.

[Non-text portions of this message have been removed]

# 17717. Re: FM problems

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-27 19:09:35 UTC
From: Jim
Topic: 17713  Message: 17717

I did the reset and tried both FM wide and normal FM, no luck. I have retired from driving, but I would like to have the radio working as it should. Will call the MI ICOM Service Center and see what they can do for me. Thanks to all who have replied. Jim W0VKW

--- In ic706@yahoogroups.com, "Ron W8RJL" <youngron@...> wrote:
>
> Did you do a reset on the radio?
> Make sure you are not in FM wide.
> ?
> ----- Original Message -----
> From: Larry J. Ford
> To: ic706@yahoogroups.com
> Sent: Tuesday, January 26, 2010 2:47 PM
> Subject: Re: [ic706] FM problems
>
>
>
> Had the same problem on a 706 MKII, and Matt at SAR Technical Services, the
> ICOM Service Center in MI, did a fine, quick job of fixing it, and Matt is a
> fine fellow. http://www.sarts1.com
>
> SAR Technical Services, Inc.
> 1792 Nash Dr.
> St. Joseph, MI 49085
> 269-429-2334
>
> Check-out his stellar reviews on eHam:
> http://www.eham.net/reviews/detail/5629
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Jim
> To: ic706@yahoogroups.com
> Sent: Tuesday, January 26, 2010 2:19 PM
> Subject: [ic706] FM problems
>
> I have an older 706MKIIG and the FM mode has quite working. No FM on any
> band. SSB works fine. Anyone know who to send the radio to for repair and a
> ballpark figure as to cost. I have had this radio for about 8 years. I has
> spent its life in an 18-wheeler with the radio body in a plactic tray lying
> on the floor of the closet. This thing has had a hard life and has over 1
> million miles on it, but it just keeps on working (almost). I hate to get
> rid of it.

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17718. WTT My IC706 for your KX1+KXAT1

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-27 22:07:50 UTC
From: esclavosoy
Topic: 17718  Message: 17718

Want to trade my QRO IC706 for QRP

Looking to trade for an:

Preferably fully built KX1+KXAT1 with KXPD1.

or

Will consider Elecraft T1+Cash

For the IC706

Or

Possibly we can work a deal for a built K2.

contact me directly:

mycall (at) me (dot) com

TNX es 73,

Gabriel - N6OSB

# 17719. icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-31 21:18:10 UTC
From: young.brian68
Topic: 17719  Message: 17719

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

# 17720. Need a source for filter relays

Yahoo group: ic706 (2010 — 2015)
Date: 2010-01-30 13:53:27 UTC
From: w2wht
Topic: 17720  Message: 17720

Hi, I am new to the group and obtained a nice 706 original model.
I have two of the filter relays that are not completing the circuit and the unit is deaf on 160 and 12-10 meters and will not transmit on those bands. Everything else works perfectly.
I think I can solder new relays onto the Filter board. I need at least two, and probably should get a couple extra if they are not expensive. If these relays are "common" I will skip the last part.
Anyone know where I can get these?
Thanks for the support...
73's
W2WHT

# 17721. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 01:56:01 UTC
From: Larry J. Ford
Topic: 17719  Message: 17721

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

# 17722. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 01:58:24 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17722

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17723. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:03:24 UTC
From: Larry J. Ford
Topic: 17719  Message: 17723

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17724. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:07:48 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17724

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17725. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:17:09 UTC
From: Larry J. Ford
Topic: 17719  Message: 17725

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>

Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17726. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:20:11 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17726

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is such a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----

From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17727. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:28:09 UTC
From: Larry J. Ford
Topic: 17719  Message: 17727

Man, you are wired WAY too tight.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is such a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>

Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17728. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:33:21 UTC
From: Joe Isabella
Topic: 17719  Message: 17728

Double-check all your connections. Make sure the antenna & control wire is in one piece, and your ground is still good. Make sure the coax is good as well. Could be a tuner issue of course, but verify all the other external stuff first...

Joe, N3JI

---
From: young.brian68 <young.brian68@...>
To: ic706@yahoogroups.com
Sent: Sun, January 31, 2010 3:18:10 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

# 17729. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:33:31 UTC
From: jsmarquand@cs.com
Topic: 17719  Message: 17729

WTF? Chill out! You'll have a heart attack.

73 Jim

-----Original Message-----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Sun, Jan 31, 2010 6:28 pm
Subject: Re: [ic706] icom 706 mkII and ah4

Man, you are wired WAY too tight.
Larry J. Ford
G4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is
uch a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
I "cursed" you?
Exactly how?
I fail to see how asking a question intended to clarify the situation should
e so "upsetting" to you, or why you feel the need to question what I "and a few
thers" may ask on this list.
Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious.
o clarify..... I see you and a few others attempting to clarify completley
bvious questions. I am not trying to be a jerk, remember, you cursed me, I
ctually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
I have learned through the years never to ass-u-me needlessly.
Also, that it never hurts to verify.
Is that a problem?
Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
When you say a "wire that is abt 43ft long" do you mean you don't have the 706
uner port connected to the AH-4 via the standard control cable?
Larry J. Ford
KG4GPJ
----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4
I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long
he tuner was working and now when I press the tune button it will not lock in
wr and the tune light goes out. apparently its not finding a good swr now. any
elp would be appreciated.
[Non-text portions of this message have been removed]
[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------------------------------
Yahoo! Groups Links
Individual Email | Traditional

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

# 17730. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:34:34 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17730

And they say the license requirements have not killed the hobby. We need more cb'ers to make this so much better
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:28:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

Man, you are wired WAY too tight.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is such a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17731. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:36:33 UTC
From: Bob Kulow
Topic: 17719  Message: 17731

Cable length, in my setup has not been a problem. I have about 80 feet between my MK IIG and AH-2. I expect the AH-4 will work with the long control/power cable, too.

73
Bob WA2UEH

# 17732. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:38:01 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17732

You could try checking the unit, and the ground. It should not just quit
Sent via BlackBerry by AT&T

-----Original Message-----
From: Bob Kulow <edison1946@...>
Date: Sun, 31 Jan 2010 21:36:33
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

Cable length, in my setup has not been a problem. I have about 80
feet between my MK IIG and AH-2. I expect the AH-4 will work with the
long control/power cable, too.

73
Bob WA2UEH

[Non-text portions of this message have been removed]

# 17733. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:39:43 UTC
From: Larry J. Ford
Topic: 17719  Message: 17733

For the record, I have never been a CBer. Shows how little you know.

However, you exhibit the exact behavior that drives folks from the hobby.

For the sake of the rest of the list, I'm ending this "exchange."

Goodnight, Kevin ... or is it "Frank?"

LJF

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:34 PM
Subject: Re: [ic706] icom 706 mkII and ah4

And they say the license requirements have not killed the hobby. We need more cb'ers to make this so much better
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:28:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

Man, you are wired WAY too tight.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is such a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17734. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:44:15 UTC
From: km5rt@yahoo.com
Topic: 17719  Message: 17734

7/22/98 I got this call next in line jerkoff, I can prove my advanced call. Btw, if you were really educated in ham radio, advanced licenses were not issued after 2000. Gogogo smartguy
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:39:43
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

For the record, I have never been a CBer. Shows how little you know.

However, you exhibit the exact behavior that drives folks from the hobby.

For the sake of the rest of the list, I'm ending this "exchange."

Goodnight, Kevin ... or is it "Frank?"

LJF

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:34 PM
Subject: Re: [ic706] icom 706 mkII and ah4

And they say the license requirements have not killed the hobby. We need more cb'ers to make this so much better
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:28:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

Man, you are wired WAY too tight.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is such a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I "cursed" you?

Exactly how?

I fail to see how asking a question intended to clarify the situation should be so "upsetting" to you, or why you feel the need to question what I "and a few others" may ask on this list.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious. To clarify..... I see you and a few others attempting to clarify completley obvious questions. I am not trying to be a jerk, remember, you cursed me, I actually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

I have learned through the years never to ass-u-me needlessly.

Also, that it never hurts to verify.

Is that a problem?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T

-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4

When you say a "wire that is abt 43ft long" do you mean you don't have the 706 tuner port connected to the AH-4 via the standard control cable?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4

I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long the tuner was working and now when I press the tune button it will not lock in swr and the tune light goes out. apparently its not finding a good swr now. any help would be appreciated.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17735. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 02:58:27 UTC
From: Bob Reiff
Topic: 17719  Message: 17735

Please cut this stuff out. Take it offline if you must. Mr. Moderator
where are you????????? Please place these people on moderation until
they straighten up and act like the adults we should all represent.

Bob, WA8ULW

km5rt@... wrote:

>
>
> 7/22/98 I got this call next in line jerkoff, I can prove my advanced
> call. Btw, if you were really educated in ham radio, advanced licenses
> were not issued after 2000. Gogogo smartguy
> Sent via BlackBerry by AT&T
>
> -----Original Message-----
> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net>>
> Date: Sun, 31 Jan 2010 21:39:43
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> For the record, I have never been a CBer. Shows how little you know.
>
> However, you exhibit the exact behavior that drives folks from the hobby.
>
> For the sake of the rest of the list, I'm ending this "exchange."
>
> Goodnight, Kevin ... or is it "Frank?"
>
> LJF
>
>
>
> ----- Original Message -----
> From: km5rt@... <mailto:km5rt%40yahoo.com>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 31, 2010 9:34 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
>
>
>
> And they say the license requirements have not killed the hobby. We
> need more cb'ers to make this so much better
> Sent via BlackBerry by AT&T
>
> -----Original Message-----

> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net>>
> Date: Sun, 31 Jan 2010 21:28:09
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> Man, you are wired WAY too tight.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: km5rt@... <mailto:km5rt%40yahoo.com>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 31, 2010 9:20 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
>
>
> Read your ass-post ass-sess the ass-situation asshole. If this
> ass-sessment is such a problem, ass-seess it and ass-act accordingly
> Sent via BlackBerry by AT&T
>
> -----Original Message-----
> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net>>
> Date: Sun, 31 Jan 2010 21:17:09
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> I "cursed" you?
>
> Exactly how?
>
> I fail to see how asking a question intended to clarify the situation
> should be so "upsetting" to you, or why you feel the need to question
> what I "and a few others" may ask on this list.
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ----- Original Message -----
> From: km5rt@... <mailto:km5rt%40yahoo.com>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 31, 2010 9:07 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
>
>
> Look here man, I was only helping you to clarify what was completely
> obvious. To clarify..... I see you and a few others attempting to

> clarify completley obvious questions. I am not trying to be a jerk,
> remember, you cursed me, I actually was trying to be sternly polite.
> Have a nice day
> Sent via BlackBerry by AT&T
>
> -----Original Message-----
> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net>>
> Date: Sun, 31 Jan 2010 21:03:24
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> I have learned through the years never to ass-u-me needlessly.
>
> Also, that it never hurts to verify.
>
> Is that a problem?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: km5rt@... <mailto:km5rt%40yahoo.com>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 31, 2010 8:58 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
>
>
> He did say what he meant... Srsly
> Sent via BlackBerry by AT&T
>
> -----Original Message-----
> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net>>
> Date: Sun, 31 Jan 2010 20:56:01
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> When you say a "wire that is abt 43ft long" do you mean you don't have
> the 706 tuner port connected to the AH-4 via the standard control cable?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: young.brian68
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 31, 2010 4:18 PM
> Subject: [ic706] icom 706 mkII and ah4
>
> I have an ah4 hooked up to my icom 706 mkII with a wire that is abt
> 43ft long the tuner was working and now when I press the tune button

> it will not lock in swr and the tune light goes out. apparently its
> not finding a good swr now. any help would be appreciated.
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 17736. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 03:02:40 UTC
From: kevin tischler
Topic: 17719  Message: 17736

Here you go... since you know it all.... a copy of my original advanced class license.
Obtained 7/22/98, expired 5/14/07. Renewed to expire 5/14/2017.
I am sorry guys on the reflector, who cannot see the nocode general's banter on
direct email. These emails are not what the reflector is about. I am tired, I have to work
tomorrow, and I am blocking this guys emails from now on. I will not see them direct
or in the reflector due to the spam filter looking for his name and callsign will delete
them
before I ever see. I regret this had to be on the reflector, I was trying to help the guy
out
but he could not see it. If I have been a problem, just remove me from the reflector, I was
only trying to help the (ahem) gentleman out.

signed
CODED, and still performing 13-18 wpm!

-.-'---

[Non-text portions of this message have been removed]

# 17737. Re: [ic706] icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 03:04:06 UTC
From: jsmarquand@cs.com
Topic: 17719  Message: 17737

If you are that old you should be old enough to act like a grown up.

Please have some respect for the others on here.

73 Jim N7UAP (1st licensed in 1958 as KN7HCF)

-----Original Message-----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sun, Jan 31, 2010 6:44 pm
Subject: Re: [ic706] icom 706 mkII and ah4

7/22/98 I got this call next in line jerkoff, I can prove my advanced call. Btw,
f you were really educated in ham radio, advanced licenses were not issued
fter 2000. Gogogo smartguy
ent via BlackBerry by AT&T
-----Original Message-----
rom: "Larry J. Ford" <lford@...>
ate: Sun, 31 Jan 2010 21:39:43
o: <ic706@yahoogroups.com>
ubject: Re: [ic706] icom 706 mkII and ah4
For the record, I have never been a CBer. Shows how little you know.
However, you exhibit the exact behavior that drives folks from the hobby.
For the sake of the rest of the list, I'm ending this "exchange."
Goodnight, Kevin ... or is it "Frank?"
LJF

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:34 PM
Subject: Re: [ic706] icom 706 mkII and ah4

And they say the license requirements have not killed the hobby. We need more
b'ers to make this so much better
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:28:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
Man, you are wired WAY too tight.
Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...

To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:20 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is
uch a problem, ass-seess it and ass-act accordingly
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:17:09
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
I "cursed" you?
Exactly how?
I fail to see how asking a question intended to clarify the situation should
e so "upsetting" to you, or why you feel the need to question what I "and a few
thers" may ask on this list.
Larry J. Ford
KG4GPJ

----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 9:07 PM
Subject: Re: [ic706] icom 706 mkII and ah4

Look here man, I was only helping you to clarify what was completely obvious.
o clarify..... I see you and a few others attempting to clarify completley
bvious questions. I am not trying to be a jerk, remember, you cursed me, I
ctually was trying to be sternly polite. Have a nice day
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>
Date: Sun, 31 Jan 2010 21:03:24
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
I have learned through the years never to ass-u-me needlessly.
Also, that it never hurts to verify.
Is that a problem?
Larry J. Ford
KG4GPJ
----- Original Message -----
From: km5rt@...
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 8:58 PM
Subject: Re: [ic706] icom 706 mkII and ah4

He did say what he meant... Srsly
Sent via BlackBerry by AT&T
-----Original Message-----
From: "Larry J. Ford" <lford@...>

Date: Sun, 31 Jan 2010 20:56:01
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] icom 706 mkII and ah4
When you say a "wire that is abt 43ft long" do you mean you don't have the 706
uner port connected to the AH-4 via the standard control cable?
Larry J. Ford
KG4GPJ
----- Original Message -----
From: young.brian68
To: ic706@yahoogroups.com
Sent: Sunday, January 31, 2010 4:18 PM
Subject: [ic706] icom 706 mkII and ah4
I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long
he tuner was working and now when I press the tune button it will not lock in
wr and the tune light goes out. apparently its not finding a good swr now. any
elp would be appreciated.
[Non-text portions of this message have been removed]
[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

Non-text portions of this message have been removed]

---
Yahoo! Groups Links
Individual Email | Traditional
http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

# 17738. Re: icom 706 mkII and ah

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 03:08:33 UTC
From: ke4vyn
Topic: 17719  Message: 17738

This is not radio, this is girls sniveling.
Enough for me.
UNSUBSCRIBE

--- In ic706@yahoogroups.com, jsmarquand@... wrote:
>
>
> If you are that old you should be old enough to act like a grown up.
>
> Please have some respect for the others on here.
>
> 73 Jim N7UAP (1st licensed in 1958 as KN7HCF)
>
>
>
>
>
>
>
> -----Original Message-----
> From: km5rt@...
> To: ic706@yahoogroups.com
> Sent: Sun, Jan 31, 2010 6:44 pm
> Subject: Re: [ic706] icom 706 mkII and ah4
>
>
> 7/22/98 I got this call next in line jerkoff, I can prove my advanced call. Btw,
> f you were really educated in ham radio, advanced licenses were not issued
> fter 2000. Gogogo smartguy
> ent via BlackBerry by AT&T
> -----Original Message-----
> rom: "Larry J. Ford" <lford@...>
> ate: Sun, 31 Jan 2010 21:39:43
> o: <ic706@yahoogroups.com>
> ubject: Re: [ic706] icom 706 mkII and ah4
> For the record, I have never been a CBer. Shows how little you know.
> However, you exhibit the exact behavior that drives folks from the hobby.
> For the sake of the rest of the list, I'm ending this "exchange."
> Goodnight, Kevin ... or is it "Frank?"
> LJF
>
> ----- Original Message -----
> From: km5rt@...
> To: ic706@yahoogroups.com
> Sent: Sunday, January 31, 2010 9:34 PM
> Subject: Re: [ic706] icom 706 mkII and ah4

>
>
> And they say the license requirements have not killed the hobby. We need more
> b'ers to make this so much better
> Sent via BlackBerry by AT&T
> -----Original Message-----
> From: "Larry J. Ford" <lford@...>
> Date: Sun, 31 Jan 2010 21:28:09
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] icom 706 mkII and ah4
> Man, you are wired WAY too tight.
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: km5rt@...
> To: ic706@yahoogroups.com
> Sent: Sunday, January 31, 2010 9:20 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> Read your ass-post ass-sess the ass-situation asshole. If this ass-sessment is
> uch a problem, ass-seess it and ass-act accordingly
> Sent via BlackBerry by AT&T
> -----Original Message-----
> From: "Larry J. Ford" <lford@...>
> Date: Sun, 31 Jan 2010 21:17:09
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] icom 706 mkII and ah4
> I "cursed" you?
> Exactly how?
> I fail to see how asking a question intended to clarify the situation should
> e so "upsetting" to you, or why you feel the need to question what I "and a few
> thers" may ask on this list.
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: km5rt@...
> To: ic706@yahoogroups.com
> Sent: Sunday, January 31, 2010 9:07 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> Look here man, I was only helping you to clarify what was completely obvious.
> o clarify..... I see you and a few others attempting to clarify completley
> bvious questions. I am not trying to be a jerk, remember, you cursed me, I
> ctually was trying to be sternly polite. Have a nice day
> Sent via BlackBerry by AT&T
> -----Original Message-----
> From: "Larry J. Ford" <lford@...>
> Date: Sun, 31 Jan 2010 21:03:24
> To: <ic706@yahoogroups.com>

> Subject: Re: [ic706] icom 706 mkII and ah4
> I have learned through the years never to ass-u-me needlessly.
> Also, that it never hurts to verify.
> Is that a problem?
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: km5rt@...
> To: ic706@yahoogroups.com
> Sent: Sunday, January 31, 2010 8:58 PM
> Subject: Re: [ic706] icom 706 mkII and ah4
>
> He did say what he meant... Srsly
> Sent via BlackBerry by AT&T
> -----Original Message-----
> From: "Larry J. Ford" <lford@...>
> Date: Sun, 31 Jan 2010 20:56:01
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] icom 706 mkII and ah4
> When you say a "wire that is abt 43ft long" do you mean you don't have the 706
> uner port connected to the AH-4 via the standard control cable?
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: young.brian68
> To: ic706@yahoogroups.com
> Sent: Sunday, January 31, 2010 4:18 PM
> Subject: [ic706] icom 706 mkII and ah4
> I have an ah4 hooked up to my icom 706 mkII with a wire that is abt 43ft long
> he tuner was working and now when I press the tune button it will not lock in
> wr and the tune light goes out. apparently its not finding a good swr now. any
> elp would be appreciated.
> [Non-text portions of this message have been removed]
> [Non-text portions of this message have been removed]
>
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>

>
> [Non-text portions of this message have been removed]
>
>
> Non-text portions of this message have been removed]
>
> ------------------------------------
> Yahoo! Groups Links
> Individual Email | Traditional
> http://docs.yahoo.com/info/terms/
>
>
>
> [Non-text portions of this message have been removed]
>

# 17739. Re: icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 10:57:06 UTC
From: aceblaggard
Topic: 17719  Message: 17739

--- In ic706@yahoogroups.com, Bob Reiff <wa8ulw@...> wrote:
>
>
> Please cut this stuff out. Take it offline if you must. Mr. Moderator
> where are you?????????

As it goes, at 0300z I was asleep! Now, everyone wave goodbye to KM5RT, anyone want to join him?

Paul G7PUV
List Owner

# 17740. Re: [ic706] Re: icom 706 mkII and ah4

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-01 22:00:07 UTC
From: Bob Reiff
Topic: 17719  Message: 17740

THANK YOU! Enough was enough.

aceblaggard wrote:

>
>
>
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Bob
> Reiff <wa8ulw@...> wrote:
> >
> >
> > Please cut this stuff out. Take it offline if you must. Mr. Moderator
> > where are you?????????
>
> As it goes, at 0300z I was asleep! Now, everyone wave goodbye to
> KM5RT, anyone want to join him?
>
> Paul G7PUV
> List Owner
>
>

[Non-text portions of this message have been removed]

# 17741. ICOM IC-706 LCD DISPLAY

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-05 22:02:51 UTC
From: hp1djj
Topic: 17741  Message: 17741

MY QUESTION!. CAN I INSTALL A LCD DISPLAY FROM AN IC-706 MKIIG TO AN IC-706?. WHAT ABOUT THE HEAD, CAN I USE THE HEAD OF AN IC-706 MKIIG WITH THE BODY OF AN IC-706?

# 17742. Re: [ic706] ICOM IC-706 LCD DISPLAY

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-06 00:11:07 UTC
From: Joe Isabella
Topic: 17741  Message: 17742

You can't swap heads, but I *think* the LCDs are the same.

I have the service manuals from both -- if someone doesn't check me before I can look, I'll let you know.

Joe, N3JI

---
From: hp1djj <hp1djj@...>
To: ic706@yahoogroups.com
Sent: Fri, February 5, 2010 4:02:51 PM
Subject: [ic706] ICOM IC-706 LCD DISPLAY

MY QUESTION!. CAN I INSTALL A LCD DISPLAY FROM AN IC-706 MKIIG TO AN IC-706?. WHAT ABOUT THE HEAD, CAN I USE THE HEAD OF AN IC-706 MKIIG WITH THE BODY OF AN IC-706?

[Non-text portions of this message have been removed]

# 17743. Re: [ic706] ICOM IC-706 LCD DISPLAY

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-06 00:18:57 UTC
From: Joe Isabella
Topic: 17741  Message: 17743

Part numbers are indeed different. Sorry.

706 LCD (DS4): Order No.: 5010000171 ( DLC-7973YBGF-1)
706 MKIIG LCD (DS4): Order No.: 5030001670 ( DLC-8309YBGF)

Joe, N3JI

---
From: hp1djj <hp1djj@...>
To: ic706@yahoogroups.com
Sent: Fri, February 5, 2010 4:02:51 PM
Subject: [ic706] ICOM IC-706 LCD DISPLAY

MY QUESTION!. CAN I INSTALL A LCD DISPLAY FROM AN IC-706 MKIIG TO AN IC-706?. WHAT ABOUT THE HEAD, CAN I USE THE HEAD OF AN IC-706 MKIIG WITH THE BODY OF AN IC-706?

[Non-text portions of this message have been removed]

# 17744. Re: ICOM IC-706 LCD DISPLAY

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-06 08:51:05 UTC
From: zl1tbg
Topic: 17741  Message: 17744

You can use an IC706 MK2g head on the original IC706.

You can use an original control head on an IC706 MK2g.

There are some functions that do not operate correctly, however, it does work. I have both radios and have exchanged control heads sometimes. The most noticeable difference is the function of the rotary encoder RIT/memory knob on the 2g. A 706 controller on a MK2g will slew the memory channels at about 400 per turn so selecting a specific channel is tricky. the up/dn buttons still work the same, so no problem. I dont think my DSP worked using the 706 controller either, as there was no submenu available for a DSP board that hadnt been invented yet.

Ralph

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> Part numbers are indeed different. Sorry.
>
> 706 LCD (DS4): Order No.: 5010000171 ( DLC-7973YBGF-1)
> 706 MKIIG LCD (DS4): Order No.: 5030001670 ( DLC-8309YBGF)
>
> Joe, N3JI
>
>
>
>
> _____
> From: hp1djj <hp1djj@...>
> To: ic706@yahoogroups.com
> Sent: Fri, February 5, 2010 4:02:51 PM
> Subject: [ic706] ICOM IC-706 LCD DISPLAY
>
>
> MY QUESTION!. CAN I INSTALL A LCD DISPLAY FROM AN IC-706 MKIIG TO AN IC-706?. WHAT ABOUT THE HEAD, CAN I USE THE HEAD OF AN IC-706 MKIIG WITH THE BODY OF AN IC-706?
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17745. 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 12:16:26 UTC
From: n4xd
Topic: 17745  Message: 17745

Was working fine. Now whenever keyed (no power out) turns off.
I've tried it with 3 different power supplies capable of over 20A out so pretty confident not a power supply problem. Power connector in back and on rig are clean and fitting tightly.

Anyone have any idea on what might be wrong?

Thanks
Ron
N4XD

# 17746. FS: Samlex 23amp PS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 14:49:10 UTC
From: John Geiger
Topic: 17746  Message: 17746

I have for sale a Samlex 1223 switching type power supply that does 13.8 volts at 23 amps. Perfect for powering an HF radio or VHF/UHF brick amp. This is a light weight, fairly small switching power supply that works fine. Its small size and weight makes if perfect for both home station use and also to take portable. Condition is pretty good also. These sell new for $99 plus shipping, I am asking $67 shipped and can take paypal/check/MO.

73s John AA5JG

# 17747. Re: [ic706] FS: Samlex 23amp PS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 15:02:31 UTC
From: Larry J. Ford
Topic: 17746  Message: 17747

I've had one of these for 10 years, powering a 706, and it has been "rock solid."

Hope I didn't just "jinx" it, or I'll be buying yours!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: John Geiger
To: forsale-swap@... ; ham4sale@yahoogroups.com ; yaesu@... ; icom@... ; ic706@yahoogroups.com
Sent: Tuesday, February 09, 2010 9:49 AM
Subject: [ic706] FS: Samlex 23amp PS

I have for sale a Samlex 1223 switching type power supply that does 13.8 volts at 23 amps. Perfect for powering an HF radio or VHF/UHF brick amp. This is a light weight, fairly small switching power supply that works fine. Its small size and weight makes if perfect for both home station use and also to take portable. Condition is pretty good also. These sell new for $99 plus shipping, I am asking $67 shipped and can take paypal/check/MO.

73s John AA5JG

[Non-text portions of this message have been removed]

# 17748. Re: [ic706] FS: Samlex 23amp PS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 16:44:36 UTC
From: John Geiger
Topic: 17746  Message: 17748

Hi larry,

Sold it already. I would have kept it myself except that I have a Jetstream 28amp PS that is nice because it has the cigarette lighter jack on the front.

73s John AA5JG

--- On Tue, 2/9/10, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] FS: Samlex 23amp PS
To: ic706@yahoogroups.com
Date: Tuesday, February 9, 2010, 9:02 AM

I've had one of these for 10 years, powering a 706, and it has been "rock solid."

Hope I didn't just "jinx" it, or I'll be buying yours!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: John Geiger
To: forsale-swap@ mailman.qth. net ; ham4sale@yahoogroup s.com ; yaesu@mailman. qth.net ; icom@mailman. qth.net ; ic706@yahoogroups. com
Sent: Tuesday, February 09, 2010 9:49 AM
Subject: [ic706] FS: Samlex 23amp PS

I have for sale a Samlex 1223 switching type power supply that does 13.8 volts at 23 amps. Perfect for powering an HF radio or VHF/UHF brick amp. This is a light weight, fairly small switching power supply that works fine. Its small size and weight makes if perfect for both home station use and also to take portable. Condition is pretty good also. These sell new for $99 plus shipping, I am asking $67 shipped and can take paypal/check/ MO.

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17749. Re: [ic706] 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 21:18:34 UTC
From: Ron W8RJL
Topic: 17745  Message: 17749

Did you try it in different modes and with reduced power out?
Did you try checking with a volt meter with sharp insulating piercing tips AT the radio end to make sure it is not some kind of fuse or cable problem?
Try backing the power WAY DOWN to see it will stay powered up.
I assume it does this on both HF and UHF/VHF.
Good Luck,
Ron W8RJL

----- Original Message -----
From: n4xd
To: ic706@yahoogroups.com
Sent: Tuesday, February 09, 2010 7:16 AM
Subject: [ic706] 706Mk2G powers off when keyed

Was working fine. Now whenever keyed (no power out) turns off.
I've tried it with 3 different power supplies capable of over 20A out so pretty confident not a power supply problem. Power connector in back and on rig are clean and fitting tightly.

Anyone have any idea on what might be wrong?

Thanks
Ron
N4XD

[Non-text portions of this message have been removed]

# 17750. Re: [ic706] 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-09 23:30:10 UTC
From: Michael Waldbrenner
Topic: 17745  Message: 17750

Have you separated the panel from the blackbox? If yes, CLEAN theese
connectors !
I have to do that every 6 months.

Regards

Michael, DB8US
http://linocat.blogspot.com

2010/2/9 n4xd <ron.e.spencer@...>

>
>
> Was working fine. Now whenever keyed (no power out) turns off.
> I've tried it with 3 different power supplies capable of over 20A out so
> pretty confident not a power supply problem. Power connector in back and on
> rig are clean and fitting tightly.
>
> Anyone have any idea on what might be wrong?
>
> Thanks
> Ron
> N4XD
>
>
>

--
---
Catamaran LinoCat
http://linocat.blogspot.com
---

[Non-text portions of this message have been removed]

# 17751. RE: [ic706] 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-10 03:56:54 UTC
From: Joe
Topic: 17745  Message: 17751

Even without the separation kit installed, it can have connection issues. My Original 706 had power up issues and the contacts were the problem (no separation kit).

Joe, N3JI

-----Original Message-----
From: Michael Waldbrenner <michael.waldbrenner@...>
Sent: Tuesday, February 09, 2010 5:30 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706Mk2G powers off when keyed

Have you separated the panel from the blackbox? If yes, CLEAN theese
connectors !
I have to do that every 6 months.

Regards

Michael, DB8US
http://linocat.blogspot.com

2010/2/9 n4xd <ron.e.spencer@...>

>
>
> Was working fine. Now whenever keyed (no power out) turns off.
> I've tried it with 3 different power supplies capable of over 20A out so
> pretty confident not a power supply problem. Power connector in back and on
> rig are clean and fitting tightly.
>
> Anyone have any idea on what might be wrong?
>
> Thanks
> Ron
> N4XD
>
>
>

--
---
Catamaran LinoCat
http://linocat.blogspot.com
---

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 17752. Re: [ic706] 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-10 07:52:00 UTC
From: Bob Reiff
Topic: 17745  Message: 17752

also clean the contacts between the head and the radio. Don't scratch
off the gold plating. Clean with alcohol on a Q tip.

Bob, WA8ULW

Ron W8RJL wrote:

>
>
> Did you try it in different modes and with reduced power out?
> Did you try checking with a volt meter with sharp insulating piercing
> tips AT the radio end to make sure it is not some kind of fuse or
> cable problem?
> Try backing the power WAY DOWN to see it will stay powered up.
> I assume it does this on both HF and UHF/VHF.
> Good Luck,
> Ron W8RJL
>
> ----- Original Message -----
> From: n4xd
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tuesday, February 09, 2010 7:16 AM
> Subject: [ic706] 706Mk2G powers off when keyed
>
> Was working fine. Now whenever keyed (no power out) turns off.
> I've tried it with 3 different power supplies capable of over 20A out
> so pretty confident not a power supply problem. Power connector in
> back and on rig are clean and fitting tightly.
>
> Anyone have any idea on what might be wrong?
>
> Thanks
> Ron
> N4XD
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 17753. Re:706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-10 13:58:21 UTC
From: Ron Spencer
Topic: 17745  Message: 17753

Thank you all for the tips. Turns out that even though the gold contacts on the front of the rig and the front panel looked very clean after cleaning them and reconnecting the front panel it all worked FB. Thanks again!

Ron N4XD

# 17754. Re: 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-10 16:17:35 UTC
From: jb
Topic: 17745  Message: 17754

Also check your antenna connections. Mine can work loose in my jeep and will cause the same thing.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Joe <n3ji@...> wrote:
>
> Even without the separation kit installed, it can have connection issues. My Original 706 had power up issues and the contacts were the problem (no separation kit).
>
> Joe, N3JI
>
>
> -----Original Message-----
> From: Michael Waldbrenner <michael.waldbrenner@...>
> Sent: Tuesday, February 09, 2010 5:30 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 706Mk2G powers off when keyed
>
> Have you separated the panel from the blackbox? If yes, CLEAN theese
> connectors !
> I have to do that every 6 months.
>
> Regards
>
> Michael, DB8US
> http://linocat.blogspot.com
>
> 2010/2/9 n4xd <ron.e.spencer@...>
>
> >
> >
> > Was working fine. Now whenever keyed (no power out) turns off.
> > I've tried it with 3 different power supplies capable of over 20A out so
> > pretty confident not a power supply problem. Power connector in back and on
> > rig are clean and fitting tightly.
> >
> > Anyone have any idea on what might be wrong?
> >
> > Thanks
> > Ron
> > N4XD

> >
> >
> >
>
>
>
> --
> ---
> Catamaran LinoCat
> http://linocat.blogspot.com
> ---
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 17755. Re: [ic706] 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-11 04:20:29 UTC
From: Paul Filardi
Topic: 17745  Message: 17755

I had this problem recently with mine, the cure was to replace the
seperation cable. Good luck.

Paul-N2CEK

On Feb 10, 2010, at 2:52, Bob Reiff <wa8ulw@...> wrote:

> also clean the contacts between the head and the radio. Don't scratch
> off the gold plating. Clean with alcohol on a Q tip.
>
> Bob, WA8ULW
>
> Ron W8RJL wrote:
>
> >
> >
> > Did you try it in different modes and with reduced power out?
> > Did you try checking with a volt meter with sharp insulating
> piercing
> > tips AT the radio end to make sure it is not some kind of fuse or
> > cable problem?
> > Try backing the power WAY DOWN to see it will stay powered up.
> > I assume it does this on both HF and UHF/VHF.
> > Good Luck,
> > Ron W8RJL
> >
> > ----- Original Message -----
> > From: n4xd
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Sent: Tuesday, February 09, 2010 7:16 AM
> > Subject: [ic706] 706Mk2G powers off when keyed
> >
> > Was working fine. Now whenever keyed (no power out) turns off.
> > I've tried it with 3 different power supplies capable of over 20A
> out
> > so pretty confident not a power supply problem. Power connector in
> > back and on rig are clean and fitting tightly.
> >
> > Anyone have any idea on what might be wrong?
> >
> > Thanks
> > Ron
> > N4XD
> >
> > [Non-text portions of this message have been removed]
> >

> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 17756. IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 01:31:47 UTC
From: kd8dvy@ymail.com
Topic: 17756  Message: 17756

Hello all,

I know I have not been very active in the group with postings. However I have been reading the many post that has come out and they are very entertaining and educational however I have noticed that 98% of the post surround the newer versions of the 706.

Have you guys forgot about the 706 1st version (no suffix). I mean there are guys out there that has this radio, such as myself.

I ask and implore those out there that has this radio to post about the things that they have come across, and put some things in the Files and links.

I mean I love this radio.

Harold/KD8DVY

http://www.qrz.com/db/KD8DVY

# 17757. Re: [ic706] IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 03:45:06 UTC
From: Joe Isabella
Topic: 17756  Message: 17757

I still have mine. Just really nothing to say about it in particular. Are you looking for something special or just throwing this out there? LOL

Joe, N3JI

---

From: "kd8dvy@..." <lilhawk236@...>
To: ic706@yahoogroups.com
Sent: Fri, February 12, 2010 7:31:47 PM
Subject: [ic706] IC 706 NO Suffix

Hello all,

I know I have not been very active in the group with postings. However I have been reading the many post that has come out and they are very entertaining and educational however I have noticed that 98% of the post surround the newer versions of the 706.

Have you guys forgot about the 706 1st version (no suffix). I mean there are guys out there that has this radio, such as myself.

I ask and implore those out there that has this radio to post about the things that they have come across, and put some things in the Files and links.

I mean I love this radio.

Harold/KD8DVY

http://www.qrz. com/db/KD8DVY

[Non-text portions of this message have been removed]

# 17758. Re: [ic706] IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 04:17:14 UTC
From: John Geiger
Topic: 17756  Message: 17758

One great thing about the 706 original compared to the newer models is that the original had the fan running all of the time.

73s John AA5JG

--- On Fri, 2/12/10, Joe Isabella <n3ji@...> wrote:

From: Joe Isabella <n3ji@...>
Subject: Re: [ic706] IC 706 NO Suffix
To: ic706@yahoogroups.com
Date: Friday, February 12, 2010, 9:45 PM

I still have mine. Just really nothing to say about it in particular. Are you looking for something special or just throwing this out there? LOL

Joe, N3JI

_____ _____ _____ __
From: "kd8dvy@ymail. com" <lilhawk236@gmail. com>
To: ic706@yahoogroups. com
Sent: Fri, February 12, 2010 7:31:47 PM
Subject: [ic706] IC 706 NO Suffix

Hello all,

I know I have not been very active in the group with postings. However I have been reading the many post that has come out and they are very entertaining and educational however I have noticed that 98% of the post surround the newer versions of the 706.

Have you guys forgot about the 706 1st version (no suffix). I mean there are guys out there that has this radio, such as myself.

I ask and implore those out there that has this radio to post about the things that they have come across, and put some things in the Files and links.

I mean I love this radio.

Harold/KD8DVY

http://www.qrz. com/db/KD8DVY

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17759. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 16:21:06 UTC
From: EdwinB
Topic: 17756  Message: 17759

What's to say? They work FB. Mine has been bolted behind the driver's seat in at least 3 pickups. It spends a fair bit of time driving off road, and has survived one of the pickups being totaled in an off-road mishap.

I have to leave the screw off the end of the extender cable as it shorts something out, but that hasn't been a problem. I did have to clean the contacts on the extender cable once, and I drilled a small hole in the front of the mic, right opposite the mic element.

Regards,
Ed - N5KZW

--- In ic706@yahoogroups.com, "kd8dvy@..." <lilhawk236@...> wrote:
>
> Hello all,
>
> I know I have not been very active in the group with postings. However I
> have been reading the many post that has come out and they are very
> entertaining and educational however I have noticed that 98% of the post
> surround the newer versions of the 706.
>
> Have you guys forgot about the 706 1st version (no suffix). I mean there
> are guys out there that has this radio, such as myself.
>
> I ask and implore those out there that has this radio to post about the
> things that they have come across, and put some things in the Files and
> links.
>
> I mean I love this radio.
>
> Harold/KD8DVY
>
> http://www.qrz.com/db/KD8DVY
>

# 17760. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 16:33:04 UTC
From: nb7o
Topic: 17756  Message: 17760

Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.

73 de kevin/NB7O

--- In ic706@yahoogroups.com, "kd8dvy@..." <lilhawk236@...> wrote:
>
> Hello all,
>
> I know I have not been very active in the group with postings. However I
> have been reading the many post that has come out and they are very
> entertaining and educational however I have noticed that 98% of the post
> surround the newer versions of the 706.
>
> Have you guys forgot about the 706 1st version (no suffix). I mean there
> are guys out there that has this radio, such as myself.
>
> I ask and implore those out there that has this radio to post about the
> things that they have come across, and put some things in the Files and
> links.
>
> I mean I love this radio.
>
> Harold/KD8DVY
>
> http://www.qrz.com/db/KD8DVY
>

# 17761. Re: [ic706] Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 18:31:02 UTC
From: Its from KE4VYN
Topic: 17756  Message: 17761

Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
Me thinks that means all models can be questioned.

IMHO,

73 to all
Lee
KE4VYN

----- Original Message -----
From: nb7o<mailto:khedgepe@...>
To: ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>
Sent: Saturday, February 13, 2010 10:33 AM
Subject: [ic706] Re: IC 706 NO Suffix

Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.

73 de kevin/NB7O

--- In ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>, "kd8dvy@..." <lilhawk236@...> wrote:
>
> Hello all,
>
> I know I have not been very active in the group with postings. However I
> have been reading the many post that has come out and they are very
> entertaining and educational however I have noticed that 98% of the post
> surround the newer versions of the 706.
>
> Have you guys forgot about the 706 1st version (no suffix). I mean there
> are guys out there that has this radio, such as myself.
>
> I ask and implore those out there that has this radio to post about the
> things that they have come across, and put some things in the Files and
> links.
>
> I mean I love this radio.
>
> Harold/KD8DVY
>
> http://www.qrz.com/db/KD8DVY<http://www.qrz.com/db/KD8DVY>
>

[Non-text portions of this message have been removed]

# 17762. Re: [ic706] Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 18:52:20 UTC
From: Joe Isabella
Topic: 17756  Message: 17762

There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.

Joe, N3JI

---
From: Its from KE4VYN <ke4vyn@...>
To: ic706@yahoogroups.com
Sent: Sat, February 13, 2010 12:31:02 PM
Subject: Re: [ic706] Re: IC 706 NO Suffix

Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
Me thinks that means all models can be questioned.

IMHO,

73 to all
Lee
KE4VYN

----- Original Message -----
From: nb7o<mailto:khedgepe@presys. com>
To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
Sent: Saturday, February 13, 2010 10:33 AM
Subject: [ic706] Re: IC 706 NO Suffix

Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.

73 de kevin/NB7O

--- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@..." <lilhawk236@...> wrote:
>
> Hello all,
>
> I know I have not been very active in the group with postings. However I
> have been reading the many post that has come out and they are very
> entertaining and educational however I have noticed that 98% of the post
> surround the newer versions of the 706.
>
> Have you guys forgot about the 706 1st version (no suffix). I mean there

> are guys out there that has this radio, such as myself.
>
> I ask and implore those out there that has this radio to post about the
> things that they have come across, and put some things in the Files and
> links.
>
> I mean I love this radio.
>
> Harold/KD8DVY
>
> http://www.qrz. com/db/KD8DVY<http://www.qrz. com/db/KD8DVY>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17763. Re: [ic706] Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 18:58:28 UTC
From: Its from KE4VYN
Topic: 17756  Message: 17763

Right, and Kevin just because something is not on the market does not mean its not a thing to have!
My XYL tells me I'm not on the market but wouldn't trade me in.

Except maybe contesting weekends.....

----- Original Message -----
From: Joe Isabella<mailto:n3ji@...>
To: ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>
Sent: Saturday, February 13, 2010 12:52 PM
Subject: Re: [ic706] Re: IC 706 NO Suffix

There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.

Joe, N3JI

---
From: Its from KE4VYN <ke4vyn@...<mailto:ke4vyn%40msn.com>>
To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
Sent: Sat, February 13, 2010 12:31:02 PM
Subject: Re: [ic706] Re: IC 706 NO Suffix

Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
Me thinks that means all models can be questioned.

IMHO,

73 to all
Lee
KE4VYN

----- Original Message -----
From: nb7o<mailto:khedgepe@presys. com>
To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
Sent: Saturday, February 13, 2010 10:33 AM
Subject: [ic706] Re: IC 706 NO Suffix

Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.

73 de kevin/NB7O

--- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@..." <lilhawk236@
...> wrote:
>
> Hello all,
>
> I know I have not been very active in the group with postings. However I
> have been reading the many post that has come out and they are very
> entertaining and educational however I have noticed that 98% of the post
> surround the newer versions of the 706.
>
> Have you guys forgot about the 706 1st version (no suffix). I mean there
> are guys out there that has this radio, such as myself.
>
> I ask and implore those out there that has this radio to post about the
> things that they have come across, and put some things in the Files and
> links.
>
> I mean I love this radio.
>
> Harold/KD8DVY
>
> http://www.qrz.<http://www.qrz./> com/db/KD8DVY<http://www.qrz.<http://www.qrz./>
com/db/KD8DVY>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17764. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-14 02:23:27 UTC
From: noskosteve
Topic: 17756  Message: 17764

To make matters worse, there are actually TWO "G" groups

IC-706MkIIG and IcomIC706mk2g

--73, Steve, K9DCI

P.S. SO how to slice it?? This group is for any version or just the vanilla 706? They all are dwindling as time passes.
No 706MkII Group (that I kow of)

Whatever...

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
> 
> Joe, N3JI
> 
> 
> 
> 
> 
> _____
> From: Its from KE4VYN <ke4vyn@...>
> To: ic706@yahoogroups.com
> Sent: Sat, February 13, 2010 12:31:02 PM
> Subject: Re: [ic706] Re: IC 706 NO Suffix
>
>
> Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> Me thinks that means all models can be questioned.
>
> IMHO,
>
> 73 to all
> Lee
> KE4VYN
>
> ----- Original Message -----
> From: nb7o<mailto:khedgepe@presys. com>
> To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>

> Sent: Saturday, February 13, 2010 10:33 AM
> Subject: [ic706] Re: IC 706 NO Suffix
>
> Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
>
> 73 de kevin/NB7O
>
> --- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@" <lilhawk236@ ...> wrote:
> >
> > Hello all,
> >
> > I know I have not been very active in the group with postings. However I
> > have been reading the many post that has come out and they are very
> > entertaining and educational however I have noticed that 98% of the post
> > surround the newer versions of the 706.
> >
> > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > are guys out there that has this radio, such as myself.
> >
> > I ask and implore those out there that has this radio to post about the
> > things that they have come across, and put some things in the Files and
> > links.
> >
> > I mean I love this radio.
> >
> > Harold/KD8DVY
> >
> > http://www.qrz. com/db/KD8DVY<http://www.qrz. com/db/KD8DVY>
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17765. IC 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-13 21:57:57 UTC
From: kozey746
Topic: 10467  Message: 17765

Anyone have a 706 for Sale at a Reasonable Price contact me off group.
Thnx
Rod
VE5RMK
ve5rmk@...

# 17766. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-14 17:08:24 UTC
From: nb7o
Topic: 17756  Message: 17766

I concur with all comments to my reply. I merely wanted to point out the many new users to the 706 are mostly going to get the G model and so a disparate number of questions will be about the G. Didn't mean to imply that questions on any model should not be posted. I own one of each of the three models. Considered trading one for a new 7000 and then asked myself why. I like the 706. I know many of its quirks. So why get something else. I may someday but cant see why now.

Lee - you are luckier than I am. My wife says that she looks for new models of husbands as often as I look at new radio gear and computers. I try to point out that one is an occupation. She replies that raising me has been an occupation too. Oh well.

73 de kevin/NB7O

--- In ic706@yahoogroups.com, "Its from KE4VYN" <ke4vyn@...> wrote:
>
> Right, and Kevin just because something is not on the market does not mean its not a thing to have!
> My XYL tells me I'm not on the market but wouldn't trade me in.
>
> Except maybe contesting weekends.....
>
>
>
>
>
> ----- Original Message -----
> From: Joe Isabella<mailto:n3ji@...>
> To: ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>
> Sent: Saturday, February 13, 2010 12:52 PM
> Subject: Re: [ic706] Re: IC 706 NO Suffix
>
>
>
> There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
>
> Joe, N3JI
>
> _____
> From: Its from KE4VYN <ke4vyn@...<mailto:ke4vyn%40msn.com>>
> To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
> Sent: Sat, February 13, 2010 12:31:02 PM

> Subject: Re: [ic706] Re: IC 706 NO Suffix
>
> Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> Me thinks that means all models can be questioned.
>
> IMHO,
>
> 73 to all
> Lee
> KE4VYN
>
> ----- Original Message -----
> From: nb7o<mailto:khedgepe@presys. com>
> To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
> Sent: Saturday, February 13, 2010 10:33 AM
> Subject: [ic706] Re: IC 706 NO Suffix
>
> Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
>
> 73 de kevin/NB7O
>
> --- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@" <lilhawk236@ ...> wrote:
> >
> > Hello all,
> >
> > I know I have not been very active in the group with postings. However I
> > have been reading the many post that has come out and they are very
> > entertaining and educational however I have noticed that 98% of the post
> > surround the newer versions of the 706.
> >
> > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > are guys out there that has this radio, such as myself.
> >
> > I ask and implore those out there that has this radio to post about the
> > things that they have come across, and put some things in the Files and
> > links.
> >
> > I mean I love this radio.
> >
> > Harold/KD8DVY
> >
> > http://www.qrz.<http://www.qrz./> com/db/KD8DVY<http://www.qrz.<http://www.qrz./> com/db/KD8DVY>
> >
>
> [Non-text portions of this message have been removed]
>

> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17767. Re: [ic706] Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-14 19:00:33 UTC
From: John Geiger
Topic: 17756  Message: 17767

So how do all three models compare?  Which is the best overall for HF and 6m performance? I have a MKII model that does good on HF and 6m and actually seems to be about the right level of sensitivity for HF.  The MKIIG seems almost too sensitive.

73s John AA5JG

--- On Sun, 2/14/10, nb7o <khedgepe@...> wrote:

From: nb7o <khedgepe@...>
Subject: [ic706] Re: IC 706 NO Suffix
To: ic706@yahoogroups.com
Date: Sunday, February 14, 2010, 11:08 AM

I concur with all comments to my reply. I merely wanted to point out the many new users to the 706 are mostly going to get the G model and so a disparate number of questions will be about the G. Didn't mean to imply that questions on any model should not be posted. I own one of each of the three models. Considered trading one for a new 7000 and then asked myself why. I like the 706. I know many of its quirks. So why get something else. I may someday but cant see why now.

Lee - you are luckier than I am. My wife says that she looks for new models of husbands as often as I look at new radio gear and computers. I try to point out that one is an occupation. She replies that raising me has been an occupation too. Oh well.

73 de kevin/NB7O

--- In ic706@yahoogroups. com, "Its from KE4VYN" <ke4vyn@...> wrote:
>
> Right, and Kevin just because something is not on the market does not mean its not a thing to have!
> My XYL tells me I'm not on the market but wouldn't trade me in.
>
> Except maybe contesting weekends.... .
>
>
>
>
>
> ----- Original Message -----
> From: Joe Isabella<mailto: n3ji@...>
> To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
> Sent: Saturday, February 13, 2010 12:52 PM
> Subject: Re: [ic706] Re: IC 706 NO Suffix
>
>
>
> There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold

my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
>
> Joe, N3JI
>
> _____ _____ _____ __
> From: Its from KE4VYN <ke4vyn@...< mailto:ke4vyn% 40msn.com> >
> To: ic706@yahoogroups. com<mailto:ic706% 40yahoogroups. com>
> Sent: Sat, February 13, 2010 12:31:02 PM
> Subject: Re: [ic706] Re: IC 706 NO Suffix
>
> Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> Me thinks that means all models can be questioned.
>
> IMHO,
>
> 73 to all
> Lee
> KE4VYN
>
> ----- Original Message -----
> From: nb7o<mailto: khedgepe@ presys. com>
> To: ic706@yahoogroups. com<mailto:ic706@ yahoogroups. com>
> Sent: Saturday, February 13, 2010 10:33 AM
> Subject: [ic706] Re: IC 706 NO Suffix
>
> Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
>
> 73 de kevin/NB7O
>
> --- In ic706@yahoogroups. com<mailto:ic706@ yahoogroups. com>, "kd8dvy@" <lilhawk236@ ...> wrote:
> >
> > Hello all,
> >
> > I know I have not been very active in the group with postings. However I
> > have been reading the many post that has come out and they are very
> > entertaining and educational however I have noticed that 98% of the post
> > surround the newer versions of the 706.
> >
> > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > are guys out there that has this radio, such as myself.
> >
> > I ask and implore those out there that has this radio to post about the
> > things that they have come across, and put some things in the Files and
> > links.

> >
> > I mean I love this radio.
> >
> > Harold/KD8DVY
> >
> > http://www.qrz.<http://www.qrz. /> com/db/KD8DVY<http://www.qrz.<http://www.qrz. />
com/db/KD8DVY>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17768. FS: Icom 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-15 03:10:08 UTC
From: John Geiger
Topic: 16082  Message: 17768

I have for sale an Icom 706MKII HF/6m/2m transceiver in very good condition. This is the model that does 100 watts on HF and 6m and 20 watts on 2m. It works very good and looks very good also other than 1 small mark on the top of the case on the right side. It has the UT-106 DSP unit installed for the noise reduction and autonotch features. I have had a couple of 706MKIIs before and this is probaby the best operating one I have seen. It comes with the hand mic, short power cord, and operating manual.

I am asking $450 plus shipping for it. I can take paypal/check/MO. Hate to sell it but I am replacing it with another rig that also does 70cm SSB for VHF contesting and the SSB satellites.

73s John AA5JG
Lawton, OK

# 17769. Re: 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-15 00:58:48 UTC
From: wp4mxb
Topic: 17745  Message: 17769

i had this problem and found that the power cable plug had one of the pin that was not going all the way in of the positive side got new power cable and working ok now.

--- In ic706@yahoogroups.com, Paul Filardi <Raritan36@...> wrote:
>
> I had this problem recently with mine, the cure was to replace the
> seperation cable. Good luck.
>
>
> Paul-N2CEK
>
>
> On Feb 10, 2010, at 2:52, Bob Reiff <wa8ulw@...> wrote:
>
> > also clean the contacts between the head and the radio. Don't scratch
> > off the gold plating. Clean with alcohol on a Q tip.
> >
> > Bob, WA8ULW
> >
> > Ron W8RJL wrote:
> >
> > >
> > >
> > > Did you try it in different modes and with reduced power out?
> > > Did you try checking with a volt meter with sharp insulating
> > piercing
> > > tips AT the radio end to make sure it is not some kind of fuse or
> > > cable problem?
> > > Try backing the power WAY DOWN to see it will stay powered up.
> > > I assume it does this on both HF and UHF/VHF.
> > > Good Luck,
> > > Ron W8RJL
> > >
> > > ----- Original Message -----
> > > From: n4xd
> > > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > > Sent: Tuesday, February 09, 2010 7:16 AM
> > > Subject: [ic706] 706Mk2G powers off when keyed
> > >
> > > Was working fine. Now whenever keyed (no power out) turns off.
> > > I've tried it with 3 different power supplies capable of over 20A
> > out
> > > so pretty confident not a power supply problem. Power connector in
> > > back and on rig are clean and fitting tightly.
> > >

> > > Anyone have any idea on what might be wrong?
> > >
> > > Thanks
> > > Ron
> > > N4XD
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 17770. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-15 17:08:08 UTC
From: nb7o
Topic: 17756  Message: 17770

My favorite is the G model. It is easier to program. I find the sensitivity between the II and IIG models to be about the same (at least for my radios). My xmit levels seems to be a bit stronger on the non-G model. But just ever so slightly. None have been in for repair.

73 de kevin/NB7O

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> So how do all three models compare?Â  Which is the best overall for HF and 6m performance?Â  I have a MKII model that does good on HF and 6m and actually seems to be about the right level of sensitivity for HF.Â  The MKIIG seems almost too sensitive.
> Â
> 73s John AA5JG
>
> --- On Sun, 2/14/10, nb7o <khedgepe@...> wrote:
>
>
> From: nb7o <khedgepe@...>
> Subject: [ic706] Re: IC 706 NO Suffix
> To: ic706@yahoogroups.com
> Date: Sunday, February 14, 2010, 11:08 AM
>
>
> Â
>
>
>
> I concur with all comments to my reply. I merely wanted to point out the many new users to the 706 are mostly going to get the G model and so a disparate number of questions will be about the G. Didn't mean to imply that questions on any model should not be posted. I own one of each of the three models. Considered trading one for a new 7000 and then asked myself why. I like the 706. I know many of its quirks. So why get something else. I may someday but cant see why now.
>
> Lee - you are luckier than I am. My wife says that she looks for new models of husbands as often as I look at new radio gear and computers. I try to point out that one is an occupation. She replies that raising me has been an occupation too. Oh well.
>
> 73 de kevin/NB7O
>
> --- In ic706@yahoogroups. com, "Its from KE4VYN" <ke4vyn@> wrote:
> >
> > Right, and Kevin just because something is not on the market does not mean its not a thing to have!
> > My XYL tells me I'm not on the market but wouldn't trade me in.

> >
> > Except maybe contesting weekends.... .
> >
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Joe Isabella<mailto: n3ji@>
> > To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
> > Sent: Saturday, February 13, 2010 12:52 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> >
> >
> >
> > There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
> >
> > Joe, N3JI
> >
> > _____ _____ _____ __
> > From: Its from KE4VYN <ke4vyn@< mailto:ke4vyn% 40msn.com> >
> > To: ic706@yahoogroups. com<mailto:ic706% 40yahoogroups. com>
> > Sent: Sat, February 13, 2010 12:31:02 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> >
> > Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> > Me thinks that means all models can be questioned.
> >
> > IMHO,
> >
> > 73 to all
> > Lee
> > KE4VYN
> >
> > ----- Original Message -----
> > From: nb7o<mailto: khedgepe@ presys. com>
> > To: ic706@yahoogroups. com<mailto:ic706@ yahoogroups. com>
> > Sent: Saturday, February 13, 2010 10:33 AM
> > Subject: [ic706] Re: IC 706 NO Suffix
> >
> > Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
> >
> > 73 de kevin/NB7O

> >
> > --- In ic706@yahoogroups. com<mailto:ic706@ yahoogroups. com>, "kd8dvy@" <lilhawk236@
...> wrote:
> > >
> > > Hello all,
> > >
> > > I know I have not been very active in the group with postings. However I
> > > have been reading the many post that has come out and they are very
> > > entertaining and educational however I have noticed that 98% of the post
> > > surround the newer versions of the 706.
> > >
> > > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > > are guys out there that has this radio, such as myself.
> > >
> > > I ask and implore those out there that has this radio to post about the
> > > things that they have come across, and put some things in the Files and
> > > links.
> > >
> > > I mean I love this radio.
> > >
> > > Harold/KD8DVY
> > >
> > > http://www.qrz.<http://www.qrz. /> com/db/KD8DVY<http://www.qrz.<http://www.qrz. />
com/db/KD8DVY>
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17771. Re: [ic706] Re: 706Mk2G powers off when keyed

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-15 16:39:33 UTC
From: Larry J. Ford
Topic: 17745  Message: 17771

I guess the old adage about starting with the "simple solutions" first continues to have merit.

I had a similar problem with an amp relay cable caused by one or more pins in a DIN plug not making good contact in the socket on the rig side. The DIN plug pins had "splits" where a thin Exacto knife blade could be inserted and wiggled just enough to spread the pins out a bit, allowing tighter contact in the socket.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: wp4mxb
To: ic706@yahoogroups.com
Sent: Sunday, February 14, 2010 7:58 PM
Subject: [ic706] Re: 706Mk2G powers off when keyed

i had this problem and found that the power cable plug had one of the pin that was not going all the way in of the positive side got new power cable and working ok now.

--- In ic706@yahoogroups.com, Paul Filardi <Raritan36@...> wrote:
>
> I had this problem recently with mine, the cure was to replace the
> seperation cable. Good luck.
>
>
> Paul-N2CEK
>
>
> On Feb 10, 2010, at 2:52, Bob Reiff <wa8ulw@...> wrote:
>
> > also clean the contacts between the head and the radio. Don't scratch
> > off the gold plating. Clean with alcohol on a Q tip.
> >
> > Bob, WA8ULW
> >
> > Ron W8RJL wrote:
> >
> > >
> > >
> > > Did you try it in different modes and with reduced power out?
> > > Did you try checking with a volt meter with sharp insulating
> > piercing
> > > tips AT the radio end to make sure it is not some kind of fuse or
> > > cable problem?
> > > Try backing the power WAY DOWN to see it will stay powered up.

> > > I assume it does this on both HF and UHF/VHF.
> > > Good Luck,
> > > Ron W8RJL
> > >
> > > ----- Original Message -----
> > > From: n4xd
> > > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > > Sent: Tuesday, February 09, 2010 7:16 AM
> > > Subject: [ic706] 706Mk2G powers off when keyed
> > >
> > > Was working fine. Now whenever keyed (no power out) turns off.
> > > I've tried it with 3 different power supplies capable of over 20A
> > out
> > > so pretty confident not a power supply problem. Power connector in
> > > back and on rig are clean and fitting tightly.
> > >
> > > Anyone have any idea on what might be wrong?
> > >
> > > Thanks
> > > Ron
> > > N4XD
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17772. suction cup mount

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-16 21:35:33 UTC
From: Ron K7CDL
Topic: 17772  Message: 17772

i'm needing a suction cup mount for the first Icom 706 remote head. have any of you ever used one? i cant mount anything in the truck this is going into. any ideas?
thanks,
K7CDL
Ron

# 17773. Re: [ic706] suction cup mount

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-16 23:16:24 UTC
From: Todd
Topic: 17772  Message: 17773

I bought one of those cheap GPS suction cup windshield mounts, did a little trimming on it and used hook and loop tape to mount the head on. Works fairly well, I don't leave it in the vehicle full time but it works great for vacations. I think the local Walmart or Target has them for less than 15 dollars or so.

Todd
NØKMA

From: Ron K7CDL
Sent: Tuesday, February 16, 2010 3:35 PM
To: ic706@yahoogroups.com
Subject: [ic706] suction cup mount

i'm needing a suction cup mount for the first Icom 706 remote head. have any of you ever used one? i cant mount anything in the truck this is going into. any ideas?
thanks,
K7CDL
Ron

[Non-text portions of this message have been removed]

# 17774. Re: suction cup mount

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-17 11:17:23 UTC
From: Paul
Topic: 17772  Message: 17774

My solution was to bend a piece of aluminium into an L shape and fix the head mount to it. Sprayed black it slides in over the central cup holder on my Discovery and allows me full control with my hand resting on the gear stick. On it's own it's not too elegant but it works well and is a comfortable operating position when driving.

Paul
G7PUV

Posted by: "Ron K7CDL" nakitatrucker@...
> Date: Tue Feb 16, 2010 2:12 pm ((PST))
>
> i'm needing a suction cup mount for the first Icom 706 remote head.
> have any of you ever used one? i cant mount anything in the truck
> this is going into. any ideas? thanks, K7CDL Ron

# 17775. FS: Icom FL100 CW filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-17 19:44:53 UTC
From: John Geiger
Topic: 14516  Message: 17775

I have for sale an Icom FL100 500hz CW filter that fits in the 706/725/728/736/737/738/746/756/775 series of radios. It will not fit in the 703/707/718 radios as those take the 455khz IF filters. I am asking $60 shipped for it and can take paypal/check/MO.

73s John AA5JG

# 17776. Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-17 22:59:27 UTC
From: kd8dvy@ymail.com
Topic: 17756  Message: 17776

Sorry it took so long for me to get back to the group since my original post I have had internet issues. Anyhow I was asking that question and making that statement cause I wanted to know if anyone has done a mod to get 60M out of the 706 no suffix?

That was the reason for the original post.

Harold/KD8DVY

--- In ic706@yahoogroups.com, "nb7o" <khedgepe@...> wrote:
>
> I concur with all comments to my reply. I merely wanted to point out the many new users to the 706 are mostly going to get the G model and so a disparate number of questions will be about the G. Didn't mean to imply that questions on any model should not be posted. I own one of each of the three models. Considered trading one for a new 7000 and then asked myself why. I like the 706. I know many of its quirks. So why get something else. I may someday but cant see why now.
> >
> Lee - you are luckier than I am. My wife says that she looks for new models of husbands as often as I look at new radio gear and computers. I try to point out that one is an occupation. She replies that raising me has been an occupation too. Oh well.
> >
> 73 de kevin/NB7O
> >
> --- In ic706@yahoogroups.com, "Its from KE4VYN" <ke4vyn@> wrote:
> > >
> > Right, and Kevin just because something is not on the market does not mean its not a thing to have!
> > My XYL tells me I'm not on the market but wouldn't trade me in.
> > >
> > Except maybe contesting weekends.....
> > >
> > >
> > >
> > >
> > >
> > ----- Original Message -----
> > From: Joe Isabella<mailto:n3ji@>
> > To: ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>
> > Sent: Saturday, February 13, 2010 12:52 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> > >
> > >
> > >
> > There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave

you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
> >
> > Joe, N3JI
> >
> > _____
> > From: Its from KE4VYN <ke4vyn@<mailto:ke4vyn%40msn.com>>
> > To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
> > Sent: Sat, February 13, 2010 12:31:02 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> >
> > Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> > Me thinks that means all models can be questioned.
> >
> > IMHO,
> >
> > 73 to all
> > Lee
> > KE4VYN
> >
> > ----- Original Message -----
> > From: nb7o<mailto:khedgepe@presys. com>
> > To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
> > Sent: Saturday, February 13, 2010 10:33 AM
> > Subject: [ic706] Re: IC 706 NO Suffix
> >
> > Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
> >
> > 73 de kevin/NB7O
> >
> > --- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@" <lilhawk236@ ...> wrote:
> > >
> > > Hello all,
> > >
> > > I know I have not been very active in the group with postings. However I
> > > have been reading the many post that has come out and they are very
> > > entertaining and educational however I have noticed that 98% of the post
> > > surround the newer versions of the 706.
> > >
> > > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > > are guys out there that has this radio, such as myself.
> > >
> > > I ask and implore those out there that has this radio to post about the
> > > things that they have come across, and put some things in the Files and
> > > links.
> > >
> > > I mean I love this radio.

> > >
> > > Harold/KD8DVY
> > >
> > > http://www.qrz.<http://www.qrz./> com/db/KD8DVY<http://www.qrz.<http://www.qrz./>
com/db/KD8DVY>
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 17777. Re: suction cup mount

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-19 00:56:00 UTC
From: EdwinB
Topic: 17772  Message: 17777

Does your truck have a flip down center console/arm rest? Mine does, and I bent a piece of galvanized steel to fit under it and up the front. The mounts for the 706 and the dual-band remote heads attach to the steel and are usable with an arm resting on the arm rest. Sections of the hook side of Velcro pairs are glued to the inside of the steel, and a single piece of small stuff tied around the steel and the console keep everything in place. If I'm carrying a third passenger, the center console flips up.

Regards,
Ed - N5KZW

--- In ic706@yahoogroups.com, "Ron K7CDL" <nakitatrucker@...> wrote:
>
> i'm needing a suction cup mount for the first Icom 706 remote head. have any of you ever used one? i cant mount anything in the truck this is going into. any ideas?
> thanks,
> K7CDL
> Ron
>

# 17778. 706 mobile bracket

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 07:21:29 UTC
From: barkerark3
Topic: 17778  Message: 17778

Looking for mobile mount for 706.Anyone have one they would part with?

JB K7JBB

# 17779. 706 mobile bracket

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 11:12:01 UTC
From: Alan Bentley
Topic: 17778  Message: 17779

It should be fairly easy to fabricate one from some scrap metal. Just be very careful to use the proper screws in the threaded holes in the side of the 706 paying careful attention that they don¹t go in too far.

Al - K2RXD

[Non-text portions of this message have been removed]

# 17781. Oscillation problem on 15m, need help

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 17:58:56 UTC
From: dk5ec
Topic: 17781  Message: 17781

I need some help with a RF problem of my IC-706MKIIG: when tuning my matchbox for 15m with the IC-706MKII in RTTY mode, everything looks normal. When I switch to USB mode, and then start talking, sometimes the power level goes up to full power, and the SWR to undefinitely high.
Apparently, the transmitter sends suddenly the full power on a frequency somewhere above 11 MHz, but not on 21 MHz. Sometimes I can work normally on USB, but I have to watch constantly the Power/SWR meter because any time it may start oscillating on 11 MHz again. The same thing happens also when connecting to a dummy load.
First I thought it could have been a RF feedback on the microphone line, but when using a dummy load, this is rather unlikely. The same sympton occurs on 18.1 MHz. On all other bands, the rig just works fine.
Any help would be greatly appreciated.
73, Karl
DK5EC

# 17782. Oscillation problem on 15m, need help

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 18:40:49 UTC
From: Mike Rodgers
Topic: 17781  Message: 17782

This has been a simple fix in the past for some, hopefully yours too.
Make sure all the ground screws on the circuit boards are tight and hope that cures it.
Mike

Sent from my iPhone

# 17783. Re: [ic706] mic 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 19:57:40 UTC
From: Todd
Topic: 17780  Message: 17783

I have a bunch of extra RJ45 plugs for the mic connector, I also have the proper crimping tool. Were you just wanting an extra hand mic. I think I have some old CB type stock mic's in a box here somewhere. I can wire one up for you and send it to you if that is what you are needing. Just let me know here either on the list or off the list.

Todd
NØKMA

From: n7pla
Sent: Sunday, February 21, 2010 6:14 AM
To: ic706@yahoogroups.com
Subject: [ic706] mic 706

would someone know where to get extra modular mic plugs for the 706? and or microphones. i am disabled, unable to "crimp"on the plugs and i need an extra hand mic for my 706. Thank you, mike n7pla

[Non-text portions of this message have been removed]

# 17784. mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 23:35:30 UTC
From: theholt@btinternet.com
Topic: 17784  Message: 17784

Hi.

I have a secondhand MkIIg. All works fine for me but is seems that the set was originally supplied for the USA?

The automatic repeater shifts are: default values
2M
145.200 to 145.875 DUP-
146.6125 to 146.9875 DUP-
147.000 to 147.3875 DUP+

70cm
442.0125 to 444.9875 DUP+
447.000 to 449.9875 DUP-

I am in the UK so is there any easy way of changing these?
The TX has been widebanded

Thanks

Steve

# 17785. mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-21 23:02:02 UTC
From: theholt@btinternet.com
Topic: 17784  Message: 17785

Hi.

I have a secondhand MkIIg. All works fine for me but is seems that the set was originally supplied for the USA?

The automatic repeater shifts are: default values
2M
145.200 to 145.875 DUP-
146.6125 to 146.9875 DUP-
147.000 to 147.3875 DUP+

70cm
442.0125 to 444.9875 DUP+
447.000 to 449.9875 DUP-

I am in the UK so these are not really good for me! Is there any easy way of changing these?
The TX has been widebanded

Thanks

Steve

# 17786. WANTED: Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-22 09:31:40 UTC
From: kozey746
Topic: 17786  Message: 17786

Anyone have a Icom 706 for Sale, any Model or shape will do if Repairable.
Looking for something Affordable to Me.
Contact Me Off Group.
Rod
VE5RMK

# 17787. RE: [ic706] mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-22 20:04:45 UTC
From: AAR9SM
Topic: 17784  Message: 17787

Push Dup and change it to + or - whichever you need or turn it off if you do not need the shift

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of theholt@...
Sent: Sunday, February 21, 2010 4:02 PM
To: ic706@yahoogroups.com
Subject: [ic706] mkIIg repeater shifts

Hi.

I have a secondhand MkIIg. All works fine for me but is seems that the set was
originally supplied for the USA?

The automatic repeater shifts are: default values
2M
145.200 to 145.875 DUP-
146.6125 to 146.9875 DUP-
147.000 to 147.3875 DUP+

70cm
442.0125 to 444.9875 DUP+
447.000 to 449.9875 DUP-

I am in the UK so these are not really good for me! Is there any easy way of changing these?
The TX has been widebanded

Thanks

Steve

[Non-text portions of this message have been removed]

# 17788. Re: [ic706] mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-23 02:13:05 UTC
From: Bob Reiff
Topic: 17784  Message: 17788

The default offset is 600kc If you want it to be something else it needs to be changed in the setup menu. I'd have to go read the owner's manual to refresh my memory on how to do that but then again you can read it there also. If you don't have the manual just go to Icom's web site under support or services or downloads and download the manual.

Bob, WA8ULW

AAR9SM wrote:

> 
> 
> Push Dup and change it to + or - whichever you need or turn it off if you
> do not need the shift
> 
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>] On
> Behalf Of
> theholt@... <mailto:theholt%40btinternet.com>
> Sent: Sunday, February 21, 2010 4:02 PM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] mkIIg repeater shifts
> 
> Hi.
> 
> I have a secondhand MkIIg. All works fine for me but is seems that the set
> was
> originally supplied for the USA?
> 
> The automatic repeater shifts are: default values
> 2M
> 145.200 to 145.875 DUP-
> 146.6125 to 146.9875 DUP-
> 147.000 to 147.3875 DUP+
> 
> 70cm
> 442.0125 to 444.9875 DUP+
> 447.000 to 449.9875 DUP-
> 
> I am in the UK so these are not really good for me! Is there any easy
> way of
> changing these?
> The TX has been widebanded
> 
> Thanks
> 

> Steve
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 17789. Re: mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-23 18:58:07 UTC
From: theholt@btinternet.com
Topic: 17784  Message: 17789

Hi

Its not the SHFT that is the problem its WHERE the shift is applied automatically by the VFO.

I amd in the UK and the repaters shift of 600khz is from 145.600 to 145.7875 BUT my mkIIg applies it to 145.200 to 145.4875 (and 146.6125 to 146.9875 and 147.000 to 147.3875) . I have the correct shift but at the wrong frequencies!

The shift for applied for 70 cm is also incorrect and includes out of band frequencies in UK.

I have the serial and this ties in with the serial # on the box ie 007794
and this shows #12 (EUR) and showns intended countries as
GER/AUT/GBR/IRL/NED/LUX/SWE/DEN/FIN.

Steve

--- In ic706@yahoogroups.com, Bob Reiff <wa8ulw@...> wrote:
>
> The default offset is 600kc If you want it to be something else it
> needs to be changed in the setup menu. I'd have to go read the owner's
> manual to refresh my memory on how to do that but then again you can
> read it there also. If you don't have the manual just go to Icom's web
> site under support or services or downloads and download the manual.
>
> Bob, WA8ULW
>
>
>
>
> AAR9SM wrote:
>
> > >
> > > Push Dup and change it to + or - whichever you need or turn it off if you
> > > do not need the shift
> > >
> > > From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > > [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>] On
> > > Behalf Of
> > > theholt@... <mailto:theholt%40btinternet.com>
> > > Sent: Sunday, February 21, 2010 4:02 PM
> > > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > > Subject: [ic706] mkIIg repeater shifts
> > >

> > Hi.
> >
> > I have a secondhand MkIIg. All works fine for me but is seems that the set
> > was
> > originally supplied for the USA?
> >
> > The automatic repeater shifts are: default values
> > 2M
> > 145.200 to 145.875 DUP-
> > 146.6125 to 146.9875 DUP-
> > 147.000 to 147.3875 DUP+
> >
> > 70cm
> > 442.0125 to 444.9875 DUP+
> > 447.000 to 449.9875 DUP-
> >
> > I am in the UK so these are not really good for me! Is there any easy
> > way of
> > changing these?
> > The TX has been widebanded
> >
> > Thanks
> >
> > Steve
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 17790. Re: [ic706] Re: mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-23 22:48:25 UTC
From: Joe Isabella
Topic: 17784  Message: 17790

Auto-repeater function only works for the US bands. Per the manual:

This function automatically activates the repeater settings
(DUP+ or DUP– and tone encoder ON/OFF)
when the operating frequency falls within the general
output frequency range and deactivates them when
outside of the range.

Set the auto repeater function ON or OFF in initial set
mode in advance (p. 53). When set ON, repeater settings
are automatically activated according to the
table at right.

NOTE:This function is available for the USA version
only.

Joe, N3JI

---
From: "theholt@..." <theholt@...>
To: ic706@yahoogroups.com
Sent: Tue, February 23, 2010 12:58:07 PM
Subject: [ic706] Re: mkIIg repeater shifts

Hi

Its not the SHFT that is the problem its WHERE the shift is applied automatically by the VFO.

I amd in the UK and the repaters shift of 600khz is from 145.600 to 145.7875 BUT my mkIIg applies it to 145.200 to 145.4875 (and 146.6125 to 146.9875 and 147.000 to 147.3875) . I have the correct shift but at the wrong frequencies!

The shift for applied for 70 cm is also incorrect and includes out of band frequencies in UK.

I have the serial and this ties in with the serial # on the box ie 007794
and this shows #12 (EUR) and showns intended countries as GER/AUT/GBR/ IRL/NED/LUX/ SWE/DEN/FIN.

Steve

--- In ic706@yahoogroups. com, Bob Reiff <wa8ulw@...> wrote:
>
> The default offset is 600kc If you want it to be something else it
> needs to be changed in the setup menu. I'd have to go read the owner's
> manual to refresh my memory on how to do that but then again you can
> read it there also. If you don't have the manual just go to Icom's web

> site under support or services or downloads and download the manual.
>
> Bob, WA8ULW
>
>
>
>
> AAR9SM wrote:
>
> >
> >
> > Push Dup and change it to + or - whichever you need or turn it off if you
> > do not need the shift
> >
> > From: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > [mailto:ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>] On
> > Behalf Of
> > theholt@... <mailto:theholt% 40btinternet. com>
> > Sent: Sunday, February 21, 2010 4:02 PM
> > To: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > Subject: [ic706] mkIIg repeater shifts
> >
> > Hi.
> >
> > I have a secondhand MkIIg. All works fine for me but is seems that the set
> > was
> > originally supplied for the USA?
> >
> > The automatic repeater shifts are: default values
> > 2M
> > 145.200 to 145.875 DUP-
> > 146.6125 to 146.9875 DUP-
> > 147.000 to 147.3875 DUP+
> >
> > 70cm
> > 442.0125 to 444.9875 DUP+
> > 447.000 to 449.9875 DUP-
> >
> > I am in the UK so these are not really good for me! Is there any easy
> > way of
> > changing these?
> > The TX has been widebanded
> >
> > Thanks
> >
> > Steve
> >
> > [Non-text portions of this message have been removed]
> >
> >

>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17791. Re: mkIIg repeater shifts...ANSWER

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-24 00:09:38 UTC
From: theholt@btinternet.com
Topic: 17784  Message: 17791

Joe

My eyesight is not what it was...but its there in blacl and white (p32).

Its a case of RTFM ...again!

Steve

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> Auto-repeater function only works for the US bands. Per the manual:
>
> This function automatically activates the repeater settings
> (DUP+ or DUPâ□" and tone encoder ON/OFF)
> when the operating frequency falls within the general
> output frequency range and deactivates them when
> outside of the range.
>
> Set the auto repeater function ON or OFF in initial set
> mode in advance (p. 53). When set ON, repeater settings
> are automatically activated according to the
> table at right.
>
> NOTE:This function is available for the USA version
> only.
>
>
> Joe, N3JI
>
>
>
>
>
>
> _____
> From: "theholt@..." <theholt@...>
> To: ic706@yahoogroups.com
> Sent: Tue, February 23, 2010 12:58:07 PM
> Subject: [ic706] Re: mkIIg repeater shifts
>
>
>
> Hi
>
> Its not the SHFT that is the problem its WHERE the shift is applied automatically by the VFO.
>
> I amd in the UK and the repaters shift of 600khz is from 145.600 to 145.7875 BUT my mkIIg applies it to 145.200 to

145.4875 (and 146.6125 to 146.9875 and 147.000 to 147.3875) . I have the correct shift but at the wrong frequencies!
>
> The shift for applied for 70 cm is also incorrect and includes out of band frequencies in UK.
>
> I have the serial and this ties in with the serial # on the box ie 007794
> and this shows #12 (EUR) and showns intended countries as GER/AUT/GBR/ IRL/NED/LUX/ SWE/DEN/FIN.
>
> Steve
>
> --- In ic706@yahoogroups. com, Bob Reiff <wa8ulw@> wrote:
> >
> > The default offset is 600kc If you want it to be something else it
> > needs to be changed in the setup menu. I'd have to go read the owner's
> > manual to refresh my memory on how to do that but then again you can
> > read it there also. If you don't have the manual just go to Icom's web
> > site under support or services or downloads and download the manual.
> >
> > Bob, WA8ULW
> >
> >
> >
> >
> > AAR9SM wrote:
> >
> > >
> > >
> > > Push Dup and change it to + or - whichever you need or turn it off if you
> > > do not need the shift
> > >
> > > From: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > [mailto:ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>] On
> > > Behalf Of
> > > theholt@ <mailto:theholt% 40btinternet. com>
> > > Sent: Sunday, February 21, 2010 4:02 PM
> > > To: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > Subject: [ic706] mkIIg repeater shifts
> > >
> > > Hi.
> > >
> > > I have a secondhand MkIIg. All works fine for me but is seems that the set
> > > was
> > > originally supplied for the USA?
> > >
> > > The automatic repeater shifts are: default values
> > > 2M
> > > 145.200 to 145.875 DUP-
> > > 146.6125 to 146.9875 DUP-
> > > 147.000 to 147.3875 DUP+
> > >
> > > 70cm

> > > 442.0125 to 444.9875 DUP+
> > > 447.000 to 449.9875 DUP-
> > >
> > > I am in the UK so these are not really good for me! Is there any easy
> > > way of
> > > changing these?
> > > The TX has been widebanded
> > >
> > > Thanks
> > >
> > > Steve
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17792. Re: [ic706] Re: mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-24 00:17:29 UTC
From: Bob Reiff
Topic: 17784  Message: 17792

Is it possible the unit, even though it says it is a EUR model, has been changed (modified) into a US model by removing or adding some jumpers? Maybe wide banding it also forces it into USA mode?

Bob, WA8ULW

Joe Isabella wrote:

> 
> 
> Auto-repeater function only works for the US bands. Per the manual:
> 
> This function automatically activates the repeater settings
> (DUP+ or DUP– and tone encoder ON/OFF)
> when the operating frequency falls within the general
> output frequency range and deactivates them when
> outside of the range.
> 
> Set the auto repeater function ON or OFF in initial set
> mode in advance (p. 53). When set ON, repeater settings
> are automatically activated according to the
> table at right.
> 
> NOTE:This function is available for the USA version
> only.
> 
> Joe, N3JI
> 
> _____
> From: "theholt@... <mailto:theholt%40btinternet.com>"
> <theholt@... <mailto:theholt%40btinternet.com>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tue, February 23, 2010 12:58:07 PM
> Subject: [ic706] Re: mkIIg repeater shifts
> 
> Hi
> 
> Its not the SHFT that is the problem its WHERE the shift is applied
> automatically by the VFO.
> 
> I amd in the UK and the repaters shift of 600khz is from 145.600 to
> 145.7875 BUT my mkIIg applies it to 145.200 to 145.4875 (and 146.6125
> to 146.9875 and 147.000 to 147.3875) . I have the correct shift but at
> the wrong frequencies!
> 
> The shift for applied for 70 cm is also incorrect and includes out of

> band frequencies in UK.
>
> I have the serial and this ties in with the serial # on the box ie 007794
> and this shows #12 (EUR) and showns intended countries as GER/AUT/GBR/
> IRL/NED/LUX/ SWE/DEN/FIN.
>
> Steve
>
> --- In ic706@yahoogroups. com, Bob Reiff <wa8ulw@...> wrote:
> >
> > The default offset is 600kc If you want it to be something else it
> > needs to be changed in the setup menu. I'd have to go read the owner's
> > manual to refresh my memory on how to do that but then again you can
> > read it there also. If you don't have the manual just go to Icom's web
> > site under support or services or downloads and download the manual.
> >
> > Bob, WA8ULW
> >
> >
> >
> >
> > AAR9SM wrote:
> >
> > > >
> > > >
> > > > Push Dup and change it to + or - whichever you need or turn it off
> if you
> > > > do not need the shift
> > > >
> > > > From: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > > [mailto:ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>] On
> > > > Behalf Of
> > > > theholt@... <mailto:theholt% 40btinternet. com>
> > > > Sent: Sunday, February 21, 2010 4:02 PM
> > > > To: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > > Subject: [ic706] mkIIg repeater shifts
> > > >
> > > > Hi.
> > > >
> > > > I have a secondhand MkIIg. All works fine for me but is seems that
> the set
> > > > was
> > > > originally supplied for the USA?
> > > >
> > > > The automatic repeater shifts are: default values
> > > > 2M
> > > > 145.200 to 145.875 DUP-
> > > > 146.6125 to 146.9875 DUP-
> > > > 147.000 to 147.3875 DUP+
> > > >

> > > 70cm
> > > 442.0125 to 444.9875 DUP+
> > > 447.000 to 449.9875 DUP-
> > >
> > > I am in the UK so these are not really good for me! Is there any easy
> > > way of
> > > changing these?
> > > The TX has been widebanded
> > >
> > > Thanks
> > >
> > > Steve
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 17793. Re: mkIIg repeater shifts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-24 13:42:59 UTC
From: Greg
Topic: 17784  Message: 17793

While I'm only a satisfied user, it would seem to me that some engineer/designer person made it like it is, then another could re-do or change the paramaters. The effort to do so may easily outweigh the benefits however. I feel it is worth a look though to discover what changes constitute a EUR model from a USA model.

73's

Greg, K9GKL

--- In ic706@yahoogroups.com, Bob Reiff <wa8ulw@...> wrote:
>
> Is it possible the unit, even though it says it is a EUR model, has been
> changed (modified) into a US model by removing or adding some jumpers?
> Maybe wide banding it also forces it into USA mode?
>
> Bob, WA8ULW
>
>
>
>
> Joe Isabella wrote:
>
> >
> >
> > Auto-repeater function only works for the US bands. Per the manual:
> >
> > This function automatically activates the repeater settings
> > (DUP+ or DUPâ□" and tone encoder ON/OFF)
> > when the operating frequency falls within the general
> > output frequency range and deactivates them when
> > outside of the range.
> >
> > Set the auto repeater function ON or OFF in initial set
> > mode in advance (p. 53). When set ON, repeater settings
> > are automatically activated according to the
> > table at right.
> >
> > NOTE:This function is available for the USA version
> > only.
> >
> > Joe, N3JI
> >
> > _____
> > From: "theholt@... <mailto:theholt%40btinternet.com>"
> > <theholt@... <mailto:theholt%40btinternet.com>>

> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Sent: Tue, February 23, 2010 12:58:07 PM
> > Subject: [ic706] Re: mkIIg repeater shifts
> >
> > Hi
> >
> > Its not the SHFT that is the problem its WHERE the shift is applied
> > automatically by the VFO.
> >
> > I amd in the UK and the repaters shift of 600khz is from 145.600 to
> > 145.7875 BUT my mkIIg applies it to 145.200 to 145.4875 (and 146.6125
> > to 146.9875 and 147.000 to 147.3875) . I have the correct shift but at
> > the wrong frequencies!
> >
> > The shift for applied for 70 cm is also incorrect and includes out of
> > band frequencies in UK.
> >
> > I have the serial and this ties in with the serial # on the box ie 007794
> > and this shows #12 (EUR) and showns intended countries as GER/AUT/GBR/
> > IRL/NED/LUX/ SWE/DEN/FIN.
> >
> > Steve
> >
> > --- In ic706@yahoogroups. com, Bob Reiff <wa8ulw@> wrote:
> > >
> > > The default offset is 600kc If you want it to be something else it
> > > needs to be changed in the setup menu. I'd have to go read the owner's
> > > manual to refresh my memory on how to do that but then again you can
> > > read it there also. If you don't have the manual just go to Icom's web
> > > site under support or services or downloads and download the manual.
> > >
> > > Bob, WA8ULW
> > >
> > >
> > >
> > >
> > > AAR9SM wrote:
> > >
> > > >
> > > >
> > > > Push Dup and change it to + or - whichever you need or turn it off
> > if you
> > > > do not need the shift
> > > >
> > > > From: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > > [mailto:ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>] On
> > > > Behalf Of
> > > > theholt@ <mailto:theholt% 40btinternet. com>
> > > > Sent: Sunday, February 21, 2010 4:02 PM

> > > > To: ic706@yahoogroups. com <mailto:ic706% 40yahoogroups. com>
> > > > Subject: [ic706] mkIIg repeater shifts
> > > >
> > > > Hi.
> > > >
> > > > I have a secondhand MkIIg. All works fine for me but is seems that
> > the set
> > > > was
> > > > originally supplied for the USA?
> > > >
> > > > The automatic repeater shifts are: default values
> > > > 2M
> > > > 145.200 to 145.875 DUP-
> > > > 146.6125 to 146.9875 DUP-
> > > > 147.000 to 147.3875 DUP+
> > > >
> > > > 70cm
> > > > 442.0125 to 444.9875 DUP+
> > > > 447.000 to 449.9875 DUP-
> > > >
> > > > I am in the UK so these are not really good for me! Is there any easy
> > > > way of
> > > > changing these?
> > > > The TX has been widebanded
> > > >
> > > > Thanks
> > > >
> > > > Steve
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> >

# 17794. Re: Oscillation problem on 15m, need help

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-24 06:46:29 UTC
From: kj4du
Topic: 17781  Message: 17794

This is an old problem with the MKIIG, I believe it affects only the earlier models and I had this problem with mine and struggled with it. The problem is that, when the low-pass filter for 15M and 17M is switched in, the PA is not unconditionally stable around 11 MHz. It will break into a full power oscillation if your matchbox reflects a low capacitive reactance back to the antenna terminals near 11 MHz.

Icom published a Technical Bulletin #928, adding a spring to ground a certain point on the PA board to the chassis. You can find this bulletin posted on the web. Also clean the metal on the cover where the ground springs of the PA board contact the covers. Apparently this fixes many of the units. However, these changes still did not completely solve the oscillation problem with mine.

As a last resort I added about 3.5 meters of coax cable between the transceiver and matchbox to rotate the reflected impedance from the tuner to a different value at 11 MHz. The exact length of coax is not critical and you can roll it up. This completely solved the problem.

Good luck, except for this problem it is a fine little radio.
--Tex, KJ4DU

--- In ic706@yahoogroups.com, "dk5ec" <dk5ec@...> wrote:
>
> I need some help with a RF problem of my IC-706MKIIG: when tuning my matchbox for 15m with the IC-706MKII in RTTY mode, everything looks normal. When I switch to USB mode, and then start talking, sometimes the power level goes up to full power, and the SWR to undefinitely high.
> Apparently, the transmitter sends suddenly the full power on a frequency somewhere above 11 MHz, but not on 21 MHz. Sometimes I can work normally on USB, but I have to watch constantly the Power/SWR meter because any time it may start oscillating on 11 MHz again. The same thing happens also when connecting to a dummy load.
> First I thought it could have been a RF feedback on the microphone line, but when using a dummy load, this is rather unlikely. The same sympton occurs on 18.1 MHz. On all other bands, the rig just works fine.
> Any help would be greatly appreciated.
> 73, Karl
> DK5EC
>

# 17795. RE: [ic706] Re: IC 706 NO Suffix

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-25 15:43:56 UTC
From: Lefczik, Larry D
Topic: 17756  Message: 17795

Removal (destruction) of the diode (D64 I believe) opens transmit frequency range for the original 706. Program 5 memories for the appropriate channels. Works great.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of kd8dvy@...
Sent: Wednesday, February 17, 2010 5:59 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC 706 NO Suffix

Sorry it took so long for me to get back to the group since my original post I have had internet issues. Anyhow I was asking that question and making that statement cause I wanted to know if anyone has done a mod to get 60M out of the 706 no suffix?

That was the reason for the original post.

Harold/KD8DVY

--- In ic706@yahoogroups.com, "nb7o" <khedgepe@...> wrote:
>
> I concur with all comments to my reply. I merely wanted to point out the many new users to the 706 are mostly going to get the G model and so a disparate number of questions will be about the G. Didn't mean to imply that questions on any model should not be posted. I own one of each of the three models. Considered trading one for a new 7000 and then asked myself why. I like the 706. I know many of its quirks. So why get something else. I may someday but cant see why now.
> 
> Lee - you are luckier than I am. My wife says that she looks for new models of husbands as often as I look at new radio gear and computers. I try to point out that one is an occupation. She replies that raising me has been an occupation too. Oh well.
> 
> 73 de kevin/NB7O
> 
> --- In ic706@yahoogroups.com, "Its from KE4VYN" <ke4vyn@> wrote:
> >
> > Right, and Kevin just because something is not on the market does not mean its not a thing to have!
> > My XYL tells me I'm not on the market but wouldn't trade me in.
> >
> > Except maybe contesting weekends.....
> >
> >
> >
> >
> >

> > ----- Original Message -----
> > From: Joe Isabella<mailto:n3ji@>
> > To: ic706@yahoogroups.com<mailto:ic706@yahoogroups.com>
> > Sent: Saturday, February 13, 2010 12:52 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> >
> >
> >
> > There is a dedicated 706MKIIG Yahoo Group, of which I am also a member even though I sold my MKIIG to get my 7000. I don't know which group is older, but this is certainly the place to post questions, issues, etc. about the Original 706. It sounds like someone gave you the impression otherwise. A lot of things apply to all versions, others are specific to each. But either way, all 706 related posts are welcome here. I've never seen anything to the contrary.
> >
> > Joe, N3JI
> >
> > _____
> > From: Its from KE4VYN <ke4vyn@<mailto:ke4vyn%40msn.com>>
> > To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
> > Sent: Sat, February 13, 2010 12:31:02 PM
> > Subject: Re: [ic706] Re: IC 706 NO Suffix
> >
> > Yes, it would. However this group is tiled IC-706, not 706G or 706GII etc...
> > Me thinks that means all models can be questioned.
> >
> > IMHO,
> >
> > 73 to all
> > Lee
> > KE4VYN
> >
> > ----- Original Message -----
> > From: nb7o<mailto:khedgepe@presys. com>
> > To: ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>
> > Sent: Saturday, February 13, 2010 10:33 AM
> > Subject: [ic706] Re: IC 706 NO Suffix
> >
> > Many of the questions/comments are from new 706 users/purchasers. Since the original 706 is not on the market it would be logical that more questions will arise out of the use of the G model as opposed to the original model.
> >
> > 73 de kevin/NB7O
> >
> > --- In ic706@yahoogroups. com<mailto:ic706@yahoogroups. com>, "kd8dvy@" <lilhawk236@ ...> wrote:
> > >
> > > Hello all,
> > >
> > > I know I have not been very active in the group with postings. However I

> > > have been reading the many post that has come out and they are very
> > > entertaining and educational however I have noticed that 98% of the post
> > > surround the newer versions of the 706.
> > >
> > > Have you guys forgot about the 706 1st version (no suffix). I mean there
> > > are guys out there that has this radio, such as myself.
> > >
> > > I ask and implore those out there that has this radio to post about the
> > > things that they have come across, and put some things in the Files and
> > > links.
> > >
> > > I mean I love this radio.
> > >
> > > Harold/KD8DVY
> > >
> > > http://www.qrz.<http://www.qrz./> com/db/KD8DVY<http://www.qrz.<http://www.qrz./>
com/db/KD8DVY>
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

---

Yahoo! Groups Links

# 17796. Re: Oscillation problem on 15m, need help

Yahoo group: ic706 (2010 — 2015)
Date: 2010-02-25 21:17:57 UTC
From: dk5ec
Topic: 17781  Message: 17796

Thanks to Mike and K4DU my oscillation problem has been solved completetly. Mike's advice to tighten the screws helpe to some extent, but with bad SWR values ist startet oscillating again. With the an additional cable betwenn the rig and the matchbox (and amplifier) the problem was completely solve. Nor mor oscillations, also with bad SWR.
Thanks again to both of you.
73, Karl
DK5EC

--- In ic706@yahoogroups.com, "kj4du" <kj4du@...> wrote:
>
>
> This is an old problem with the MKIIG, I believe it affects only the earlier models and I had this problem with mine and struggled with it. The problem is that, when the low-pass filter for 15M and 17M is switched in, the PA is not unconditionally stable around 11 MHz. It will break into a full power oscillation if your matchbox reflects a low capacitive reactance back to the antenna terminals near 11 MHz.
>
> Icom published a Technical Bulletin #928, adding a spring to ground a certain point on the PA board to the chassis. You can find this bulletin posted on the web. Also clean the metal on the cover where the ground springs of the PA board contact the covers. Apparently this fixes many of the units. However, these changes still did not completely solve the oscillation problem with mine.
>
> As a last resort I added about 3.5 meters of coax cable between the transceiver and matchbox to rotate the reflected impedance from the tuner to a different value at 11 MHz. The exact length of coax is not critical and you can roll it up. This completely solved the problem.
>
> Good luck, except for this problem it is a fine little radio.
> --Tex, KJ4DU
>
>
> --- In ic706@yahoogroups.com, "dk5ec" <dk5ec@> wrote:
> >
> > I need some help with a RF problem of my IC-706MKIIG: when tuning my matchbox for 15m with the IC-706MKII in RTTY mode, everything looks normal. When I switch to USB mode, and then start talking, sometimes the power level goes up to full power, and the SWR to undefinitely high.
> > Apparently, the transmitter sends suddenly the full power on a frequency somewhere above 11 MHz, but not on 21 MHz. Sometimes I can work normally on USB, but I have to watch constantly the Power/SWR meter because any time it may start oscillating on 11 MHz again. The same thing happens also when connecting to a dummy load.
> > First I thought it could have been a RF feedback on the microphone line, but when using a dummy load, this is rather unlikely. The same sympton occurs on 18.1 MHz. On all other bands, the rig just works fine.

> > Any help would be greatly appreciated.
> > 73, Karl
> > DK5EC
> >
>

# 17797. 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 06:03:16 UTC
From: n3lka
Topic: 17797  Message: 17797

Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.

I checked the continuity from the connector in the back to the main board of the 706 and it looks good. Unfortunatley the service manual I have is a copy and where the ci-v circuit winds up isn't clear.

At this point the radio is my mobile and a back up rig, and the ci-v isn't that important. I'd just like to know if anyone else has had the same issue.

In the meantime I'll try to find a better copy of the schematics.

73,

Brian
N3LKA

# 17798. Re: 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 11:33:40 UTC
From: aceblaggard
Topic: 17797  Message: 17798

--- In ic706@yahoogroups.com, "n3lka" <n3lka@...> wrote:
>
> Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.

Hi Brian,

Mine failed, I was sure I'd documented it but looking through the archives I can't see any reference to it. Anyway, a track had burnt out very close to the socket, it was obvious to see and I think I was able to bridge it without too much of a strip down. It was back up and running quite quickly even with my dodgy soldering. Never did find out the cause but it ran on the same interface for some time after until I sold it. One way to check if it is the socket, plug in a shorted 3.5mm plug, (I think I actually used a pair of headphones) and see if you can enter the alignment menu. If you can't it's a safe bet the sockt is o/c.

Paul
G7PUV

# 17799. RE: [ic706] 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 12:59:50 UTC
From: Joe
Topic: 17797  Message: 17799

Mine has also failed, and I found it to be a component (SMT diode I think). That radio is also a backup for me, but at the time, I was using it in the shack during a contest with an amp. And I was running a dipole with a tuner and had a lot of RF in the shack. Turns out there was enough on the remote line to pop that little diode. x(

I haven't fixed it yet, but I remember having difficulty reading the scanned SM as well.

Joe, N3JI

-----Original Message-----
From: n3lka <n3lka@...>
Sent: Monday, March 01, 2010 12:03 AM
To: ic706@yahoogroups.com
Subject: [ic706] 706 CI-V Failure

Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.

I checked the continuity from the connector in the back to the main board of the 706 and it looks good. Unfortunatley the service manual I have is a copy and where the ci-v circuit winds up isn't clear.

At this point the radio is my mobile and a back up rig, and the ci-v isn't that important. I'd just like to know if anyone else has had the same issue.

In the meantime I'll try to find a better copy of the schematics.

73,

Brian
N3LKA

Reply to sender | Reply to groupMessages in this topic (

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17800. Re: 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 15:54:52 UTC
From: n3lka
Topic: 17797  Message: 17800

I finally found a good pdf last night, so I'll look that one up. I haven't had the remote hooked up since I moved and I'm only running 100 Watts, so I don't know what would've caused mine to go. I'm having trouble remebering if I used mine before, I think I did...lol, getting old stinks, and I'm not even 50 yet.

Brian

--- In ic706@yahoogroups.com, Joe <n3ji@...> wrote:
>
> Mine has also failed, and I found it to be a component (SMT diode I think). That radio is also a backup for me, but at the time, I was using it in the shack during a contest with an amp. And I was running a dipole with a tuner and had a lot of RF in the shack. Turns out there was enough on the remote line to pop that little diode. x(
>
> I haven't fixed it yet, but I remember having difficulty reading the scanned SM as well.
>
> Joe, N3JI
>
>
> -----Original Message-----
> From: n3lka <n3lka@...>
> Sent: Monday, March 01, 2010 12:03 AM
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 CI-V Failure
>
>
> Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.
>
> I checked the continuity from the connector in the back to the main board of the 706 and it looks good. Unfortunatley the service manual I have is a copy and where the ci-v circuit winds up isn't clear.
>
> At this point the radio is my mobile and a back up rig, and the ci-v isn't that important. I'd just like to know if anyone else has had the same issue.
>
> In the meantime I'll try to find a better copy of the schematics.
>
> 73,
>
> Brian
> N3LKA
>
>

> Reply to sender | Reply to groupMessages in this topic (
>
> [The entire original message is not included]
>
> [Non-text portions of this message have been removed]
>

# 17803. Re: 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 15:51:04 UTC
From: n3lka
Topic: 17797  Message: 17803

Thanks, the socket's good. I traced it back to the main board where it comes off of the ribbon cable. I was hoping for a quick fix like that last night when I had it opened up.

Thanks,

Brian

--- In ic706@yahoogroups.com, "aceblaggard" <yahoogroup@...> wrote:
>
> --- In ic706@yahoogroups.com, "n3lka" <n3lka@> wrote:
> >
> > Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.
>
> Hi Brian,
>
> Mine failed, I was sure I'd documented it but looking through the archives I can't see any reference to it. Anyway, a track had burnt out very close to the socket, it was obvious to see and I think I was able to bridge it without too much of a strip down. It was back up and running quite quickly even with my dodgy soldering. Never did find out the cause but it ran on the same interface for some time after until I sold it. One way to check if it is the socket, plug in a shorted 3.5mm plug, (I think I actually used a pair of headphones) and see if you can enter the alignment menu. If you can't it's a safe bet the sockt is o/c.
>
> Paul
> G7PUV
>

# 17804. Re: [ic706] Re: 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 22:24:21 UTC
From: R. Blackman
Topic: 17797  Message: 17804

Hi Brian:

Just a quick thought..... did your setup menu in the Icom get changed somehow?
I mean specifically baud rate and CI-V address. Computer programs are looking for a specific baud rate, such as 9600 and
CI-V such as 48h. Go to the set up menu items ( power and lock, together ) to check items 34, 35, and 36 to make sure they are correct for your application.

Hope it's that simple for you, let us know,

Richard VA3NDO

----- Original Message -----
From: n3lka
To: ic706@yahoogroups.com
Sent: Monday, March 01, 2010 10:51 AM
Subject: [ic706] Re: 706 CI-V Failure

Thanks, the socket's good. I traced it back to the main board where it comes off of the ribbon cable. I was hoping for a quick fix like that last night when I had it opened up.

Thanks,

Brian

--- In ic706@yahoogroups.com, "aceblaggard" <yahoogroup@...> wrote:
>
> --- In ic706@yahoogroups.com, "n3lka" <n3lka@> wrote:
> >
> > Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.
>
> Hi Brian,
>
> Mine failed, I was sure I'd documented it but looking through the archives I can't see any reference to it. Anyway, a track had burnt out very close to the socket, it was obvious to see and I think I was able to bridge it without too much of a strip down. It was back up and running quite quickly even with my dodgy soldering. Never did find out the cause but it ran on the same interface for some time after until I sold it. One way to check if it is the socket, plug in a shorted 3.5mm plug, (I think I actually used a pair of headphones) and see if you can enter the alignment menu. If you can't it's a safe bet the sockt is o/c.
>
> Paul
> G7PUV
>

[Non-text portions of this message have been removed]

# 17805. Re: [ic706] Re: 706 CI-V Failure

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-01 22:28:13 UTC
From: R. Blackman
Topic: 17797  Message: 17805

Hi again, sorry for the previous post, I understand you have already checked the baud rate and address.

Richard VA3NDO

----- Original Message -----
From: n3lka
To: ic706@yahoogroups.com
Sent: Monday, March 01, 2010 10:51 AM
Subject: [ic706] Re: 706 CI-V Failure

Thanks, the socket's good. I traced it back to the main board where it comes off of the ribbon cable. I was hoping for a quick fix like that last night when I had it opened up.

Thanks,

Brian

--- In ic706@yahoogroups.com, "aceblaggard" <yahoogroup@...> wrote:
>
> --- In ic706@yahoogroups.com, "n3lka" <n3lka@> wrote:
> >
> > Hello, has anyone ever had their ci-v port fail on the IC-706. I know the interface is good, I have 2 interfaces and tried both. The address and communications are set correctly, and I checked it on two different pc's.
>
> Hi Brian,
>
> Mine failed, I was sure I'd documented it but looking through the archives I can't see any reference to it. Anyway, a track had burnt out very close to the socket, it was obvious to see and I think I was able to bridge it without too much of a strip down. It was back up and running quite quickly even with my dodgy soldering. Never did find out the cause but it ran on the same interface for some time after until I sold it. One way to check if it is the socket, plug in a shorted 3.5mm plug, (I think I actually used a pair of headphones) and see if you can enter the alignment menu. If you can't it's a safe bet the sockt is o/c.
>
> Paul
> G7PUV
>

[Non-text portions of this message have been removed]

# 17806. Upgrading 706mkll

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-02 03:58:29 UTC
From: John
Topic: 17806  Message: 17806

I'm thinking of replacing my 20 year old Yaesu FT890AT with a newer rig. I upgrade my older HF rig about every 10 years. I have an IC706mkll that I'll keep for mobile use. I'm currently trying an IC7000 that appeals, but I want to know more about the IC7200 before deciding. I'm not concerned about the lack of vhf and fm and the size of the one. I'm more interested in receive/transmit comparisons and ease of operation. I'm looking towards a new rig being more of a home station, some contesting, and field day type operations. It appeaars both rigs are within $200 of each other new. I will probably hold off a purchase until Dayton deal days unless I hear of someother fantastic deal before then.

Is someone with experience with both rigs willing to share your thoughts about each with me? It's down to deciding between the two.

TNX in advance for any guidance. WA8KIW

# 17807. Re: [ic706] Upgrading 706mkll

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-02 04:24:24 UTC
From: Larry J. Ford
Topic: 17806  Message: 17807

I got a new 7200 about a month ago and like it. It replaced a Kenwood TS-870S, and complements my two other rigs, an "original" 706 and a 706 MKII.

It will be an easy transition to the 7200 if you're familiar with the 706. Not as much button pushing and "menu" diving to get the rig to do what you want, but what menus there are very similar to the 706 series.

The 7200 basically has the IF DSP and filters of the higher-end ICOM HF rigs, but is more "field deployable," which is good if you're into EMCOMM work (I'm involved with ARES in NC). A big plus is the USB port, which I don't believe the 7000 has.

For me, the 7000 just wasn't worth the extra $$$, as the 7200 does all I need in an HF/6 meter rig, and I have the 706s for VHF work.

There is a 7200 Yahoo user group that you might consider joining and asking questions there.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: John
To: ic706@yahoogroups.com
Sent: Monday, March 01, 2010 10:58 PM
Subject: [ic706] Upgrading 706mkll

I'm thinking of replacing my 20 year old Yaesu FT890AT with a newer rig. I upgrade my older HF rig about every 10 years. I have an IC706mkll that I'll keep for mobile use. I'm currently trying an IC7000 that appeals, but I want to know more about the IC7200 before deciding. I'm not concerned about the lack of vhf and fm and the size of the one. I'm more interested in receive/transmit comparisons and ease of operation. I'm looking towards a new rig being more of a home station, some contesting, and field day type operations. It appeaars both rigs are within $200 of each other new. I will probably hold off a purchase until Dayton deal days unless I hear of someother fantastic deal before then.

Is someone with experience with both rigs willing to share your thoughts about each with me? It's down to deciding between the two.

TNX in advance for any guidance. WA8KIW

[Non-text portions of this message have been removed]

# 17808. '706mkIIG F/S

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-02 22:59:59 UTC
From: KC6STT
Topic: 17808  Message: 17808

Hi.

I have for sale a used, but not abused, '706MKIIG for $500 + ship (I estimate abt $15). It is about 7 years old and has been used as both a base and mobile. The radio is a 7/10 cosmetically. It has a cracked volume knob and a few minor scratches on the tranceiver unit, but is otherwise undamaged.

It will include the moble mounting bracket and original hardware, a 5 foot long power cord (fuses intact), the remote mounting kit hardware, a remote microphone cable with mountable jack (abt 12 feet long) the original mic, and a DTMF mic.

The radio is 100% fuctional with no display issues or bad LEDs. It has no loose connectors, etc. The 60 meter mod has been done to it, but no other mods.

The radio has been a workhorse. Never had an ounce of trouble with it. I've recently purchased a '7200, and the '706 is now surplus.

Please reply to KC6STT@....

Stacy

[Non-text portions of this message have been removed]

# 17809. How to set Display colour IC706mkIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-08 09:59:57 UTC
From: carlblyh
Topic: 17809  Message: 17809

Hi Group

How can I set the display colour on my IC706mkIIg from green to AMBER, I think it's possible but couldnot find howto.

Thanks in advance
73's de carl /oh2chb

# 17810. RE: [ic706] How to set Display colour IC706mkIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-08 12:41:15 UTC
From: Joe
Topic: 17809  Message: 17810

Sorry- it's not switchable on the 706 series. It's green only. The 703 has amber backlighting however.

Joe, N3JI

-----Original Message-----
From: carlblyh <carl.blyh@...>
Sent: Monday, March 08, 2010 3:59 AM
To: ic706@yahoogroups.com
Subject: [ic706] How to set Display colour IC706mkIIg

Hi Group

How can I set the display colour on my IC706mkIIg from green to AMBER, I think it's possible but couldnot find howto.

Thanks in advance
73's de carl /oh2chb

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17811. RE: [ic706] How to set Display colour IC706mkIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-08 13:40:43 UTC
From: Alan Bentley
Topic: 17809  Message: 17811

If all you want is UHF/VHF then the new Yaesu FTM-350 has EIGHT different color schemes!

Al - K2RXD
**********

Fly Navy
**********

[Non-text portions of this message have been removed]

# 17812. RE: [ic706] How to set Display colour IC706mkIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-08 14:09:26 UTC
From: Joe
Topic: 17809  Message: 17812

Or get an IC-7000 with a color LCD and have the same bands as the 2G... ;-)

Joe, N3JI

-----Original Message-----
From: Alan Bentley <abent@...>
Sent: Monday, March 08, 2010 7:40 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] How to set Display colour IC706mkIIg

If all you want is UHF/VHF then the new Yaesu FTM-350 has EIGHT different
color schemes!

Al - K2RXD
**********

Fly Navy
**********

[Non-text portions of this message have been removed]

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17815. SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-17 01:20:21 UTC
From: kd8dvy@ymail.com
Topic: 17815  Message: 17815

Hello all I am having major issues with my 706 no suffix. I need help bad!!!

I lost the SWR meter some kind of way and now I can't tell if I have good or bad SWR. I do have a tuner that has cross needles but I would love to have my meter back.

Also I need help with aligning the TX on the radio but I don't have all of the equipment that the manual ask for you to have. Is there any ideas as what I can do?

Harold/KD8DVY

# 17816. Re: [ic706] SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-17 01:28:59 UTC
From: Mark Brueggemann
Topic: 17815  Message: 17816

--- On Tue, 3/16/10, kd8dvy@... <lilhawk236@...> wrote:

> I lost the SWR meter some kind of way

Are you sure it's not set to read output power or ALC instead?

Mark K5LXP
Albuquerque, NM

# 17817. Re: SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-17 16:11:54 UTC
From: kd8dvy@ymail.com
Topic: 17815  Message: 17817

Yes I positive that I do not have the meter in the wrong menu. I did have very bad deflection at one point and now I have no dflection what so ever. My alc meter was not working but now it is so I don't know what to do or where to go.

Harold
KD8DVY

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Tue, 3/16/10, kd8dvy@... <lilhawk236@...> wrote:
>
> > I lost the SWR meter some kind of way
>
> Are you sure it's not set to read output power or ALC instead?
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 17818. WTB: Control Head

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-18 01:25:52 UTC
From: ft857guy
Topic: 17818  Message: 17818

Hi Rich here,

I am looking for a control head for an IC 706 MkIIg. I will consider dead units as well as parts or complete dead rigs. Looking to resurrect one from an estate sale. Also looking for a mic, power cord and mounting bracket.. Thanks for your time, Richy N2ZD

email is ss409ss at a o l . c o m

# 17819. Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-24 02:39:32 UTC
From: lford1951
Topic: 17819  Message: 17819

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

# 17820. Re: [ic706] Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-24 07:10:07 UTC
From: Dan Smith
Topic: 17819  Message: 17820

Hi Larry,
I have two IC-706MIIG's and one IC-7000.. I run the Signalink on all 3... Plus it also works on my IC-208H and my wifes IC-207H.
For my CAT needs I picked up a scanner control cable from RadioShack. You can find them on sale sometimes and tons cheaper than Icoms CT-17 C-IV set up.. Its a easy hookup and all the drivers come with it.. There are lots of options out there as I am sure you will hear... But I think you will not go wrong with the Signalink.... I have had my 1st on for over 3 years now.. Not one bit of trouble.. Good luck to you and hope to see you on the waterfall on PSK-31 someday.. Its my favorite mood so far.. But I am also trying RTTY, Also fun... You will get some great advice here.. Good luck to you.
73
Dan/KD7UFF

---
From: lford1951 <lford@usa.net>
To: ic706@yahoogroups.com
Sent: Tue, March 23, 2010 7:39:32 PM
Subject: [ic706] Recommended Soundcard Mode Interface for 706

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 17821. Re: [ic706] Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-24 15:06:08 UTC
From: Larry J. Ford
Topic: 17819  Message: 17821

Dan,

Thanks for the info. I'm looking at the Signalink for the 706s for potential portable use.

I also have an ICOM IC-7200, which needs no interface, simply a USB cable from the PC to the rig. I've been running PSK-31 on the 7200 with HRD/DM780 for a few weeks now, and really enjoy it.

However, although the 7200 is certainly "field-deployable," I don't think I'm going to be taking it on camping trips and the like; hence, my interest in getting one of the 706s up and running on soundcard modes.

I may see you on the waterfall sooner, rather than later!

73,

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Dan Smith
To: ic706@yahoogroups.com
Sent: Wednesday, March 24, 2010 2:10 AM
Subject: Re: [ic706] Recommended Soundcard Mode Interface for 706

Hi Larry,
I have two IC-706MIIG's and one IC-7000.. I run the Signalink on all 3... Plus it also works on my IC-208H and my wifes IC-207H.
For my CAT needs I picked up a scanner control cable from RadioShack. You can find them on sale sometimes and tons cheaper than Icoms CT-17 C-IV set up.. Its a easy hookup and all the drivers come with it.. There are lots of options out there as I am sure you will hear... But I think you will not go wrong with the Signalink.... I have had my 1st on for over 3 years now.. Not one bit of trouble.. Good luck to you and hope to see you on the waterfall on PSK-31 someday.. Its my favorite mood so far.. But I am also trying RTTY, Also fun... You will get some great advice here.. Good luck to you.
73
Dan/KD7UFF

---
From: lford1951 <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, March 23, 2010 7:39:32 PM
Subject: [ic706] Recommended Soundcard Mode Interface for 706

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17822. Re: [ic706] Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-24 16:04:12 UTC
From: Larry J. Ford
Topic: 17819  Message: 17822

Dan,

Another question: are you using the Signalink with the built-in soundcard (i.e., the "Signalink USB," I believe), or the one without the soundcard (Signalink SL+1 or some such designation)?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Dan Smith
To: ic706@yahoogroups.com
Sent: Wednesday, March 24, 2010 2:10 AM
Subject: Re: [ic706] Recommended Soundcard Mode Interface for 706

Hi Larry,
I have two IC-706MIIG's and one IC-7000.. I run the Signalink on all 3... Plus it also works on my IC-208H and my wifes IC-207H.
For my CAT needs I picked up a scanner control cable from RadioShack. You can find them on sale sometimes and tons cheaper than Icoms CT-17 C-IV set up.. Its a easy hookup and all the drivers come with it.. There are lots of options out there as I am sure you will hear... But I think you will not go wrong with the Signalink.... I have had my 1st on for over 3 years now.. Not one bit of trouble.. Good luck to you and hope to see you on the waterfall on PSK-31 someday.. Its my favorite mood so far.. But I am also trying RTTY, Also fun... You will get some great advice here.. Good luck to you.
73
Dan/KD7UFF

_____
From: lford1951 <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, March 23, 2010 7:39:32 PM
Subject: [ic706] Recommended Soundcard Mode Interface for 706

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17823. Re:Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-24 18:02:23 UTC
From: Yokshs
Topic: 17819  Message: 17823

Hello Larry,

As you know, there are dozens of choices for sound card and CI-v control. I tried a few of the commercial products when I was first licensed, and they *do* work.. However, many do not offer full compatibility with the available software. For example, most interfaces will handle audio transformation and PTT for PSK31 and other digital modes, but do not offer COS for operation such as Echolink. Some require your radio to use VOX mode, rather than use the actual PTT circuit.

A similar thing occurs with the pricey CT-17 interface for CI-v. It is a well-built interface, but as built is not capable of any operation besides Icom. A simple rewiring would allow operation of Yaesu radios, EF Johnson, GE, etc.

My solution was to homebrew a Rigblaster-type interface that includes COS and build a homebrew version of the CT-17. The CT-17 uses a MAX232 IC, which is fully RS-232 compliant. The Rigblaster-type interface uses a 4n25 optocoupler for PTT and real audio transformers, rather than the tuned circuit approach used in the cheaper radio/sound card interfaces. About $20 would cover the cost of all parts needed for both interfaces. Schematics are available on my web site:
http://www.qsl.net/k0kn

73 and good luck,

Kyle
K0KN

--- Original Message ----

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 17824. Recommended Soundcard Mode Interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-25 18:17:00 UTC
From: David Bartholomew
Topic: 17819  Message: 17824

I've been using the Rigblaster USB from West Mountain.
I don't use the rig control functions although it supports them. You can use it with a lot of different software for doing different digital modes.

Dave AD7DB

Sent from my iPhone

On Mar 24, 2010, at 4:09 AM, ic706@yahoogroups.com wrote:

There are 2 messages in this issue.

Topics in this digest:

1a. Recommended Soundcard Mode Interface for 706
From: lford1951
1b. Re: Recommended Soundcard Mode Interface for 706
From: Dan Smith

Messages

---

1a. Recommended Soundcard Mode Interface for 706
Posted by: "lford1951" lford@... lford1951
Date: Tue Mar 23, 2010 11:07 pm ((PDT))

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

Messages in this topic (2)

---

1b. Re: Recommended Soundcard Mode Interface for 706
Posted by: "Dan Smith" kd7uff@... kd7uff
Date: Wed Mar 24, 2010 12:10 am ((PDT))

Hi Larry,
I have two IC-706MIIG's and one IC-7000.. I run the Signalink on all 3... Plus it also works on my IC-208H and my wifes IC-207H.
For my CAT needs I picked up a scanner control cable from RadioShack. You can find them on sale sometimes and tons cheaper than Icoms CT-17 C-IV set up.. Its a easy hookup and all

the drivers come with it.. There are lots of options out there as I am sure you will hear... But I think you will not go wrong with the Signalink.... I have had my 1st on for over 3 years now.. Not one bit of trouble.. Good luck to you and hope to see you on the waterfall on PSK-31 someday.. Its my favorite mood so far.. But I am also trying RTTY, Also fun... You will get some great advice here.. Good luck to you.
73
Dan/KD7UFF

---
From: lford1951 <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, March 23, 2010 7:39:32 PM
Subject: [ic706] Recommended Soundcard Mode Interface for 706

What are folks who run PSK31 or other soundcard-based digital modes using for an interface device with a 706 (either an "original 706" or a 706MKII)?

Is the Signalink the recommended device?

What about a CI-V rig control interface (other than the expensive ICOM device)?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

Messages in this topic (2)

---
Yahoo! Groups Links

---

# 17825. Power cord?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-26 00:01:35 UTC
From: ft857guy
Topic: 17825  Message: 17825

Hi Rich here,

Is the power cord on the Mk2G the same as the Kenwood and Yaesu. I know my TS50 will work with my 857 cord as I checked the cables and the molex is the same with the same pattern. I am curious because the manual shows the same molex but no pinout diagram. Tnx Richy N2ZD

# 17826. Re: [ic706] Power cord?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-26 11:53:37 UTC
From: Deacon Dave
Topic: 17825  Message: 17826

Do you have a multi-meter? If so, make some measurements.

----- Original Message -----
From: ft857guy
To: ic706@yahoogroups.com
Sent: Thursday, March 25, 2010 8:01 PM
Subject: [ic706] Power cord?

Hi Rich here,

Is the power cord on the Mk2G the same as the Kenwood and Yaesu. I know my TS50 will work with my 857 cord as I checked the cables and the molex is the same with the same pattern. I am curious because the manual shows the same molex but no pinout diagram. Tnx Richy N2ZD

[Non-text portions of this message have been removed]

# 17827. RE: [ic706] Power cord?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-26 12:19:17 UTC
From: Joe
Topic: 17825  Message: 17827

It's the same...

Joe, N3JI

-----Original Message-----
From: Deacon Dave <w1mce@...>
Sent: Friday, March 26, 2010 06:53 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Power cord?

Do you have a multi-meter? If so, make some measurements.

----- Original Message -----
From: ft857guy
To: ic706@yahoogroups.com
Sent: Thursday, March 25, 2010 8:01 PM
Subject: [ic706] Power cord?

Hi Rich here,

Is the power cord on the Mk2G the same as the Kenwood and Yaesu. I know my TS50 will work with my 857 cord as I checked the cables and the molex is the same with the same pattern. I am curious because the manual shows the same molex but no pinout diagram. Tnx Richy N2ZD

[Non-text portions of this message have been removed]

Reply to sender | Reply to group | Reply via web post |

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17828. Re: Power cord?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-26 21:40:47 UTC
From: jb
Topic: 17825  Message: 17828

Hi Rich,
I noticed that the power chord for my 'g' was larger (fatter) than that of my Yeasu or Alinco UHF/VHF rigs. Otherwise the plugs are the same. In a pinch I know the Yeasu/Alinco chord will work but I wouldn't use it for a permanent replacement. ...and then at reduced power on HF. No doubt that the 706 on HF draws more from the chord than the vhf rigs so the larger size should be from larger guage conductors.

I could be wrong but the math works. =)

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "ft857guy" <ss409ss@...> wrote:
>
>
> Hi Rich here,
>
> Is the power cord on the Mk2G the same as the Kenwood and Yaesu. I know my TS50 will work with my 857 cord as I checked the cables and the molex is the same with the same pattern. I am curious because the manual shows the same molex but no pinout diagram. Tnx Richy N2ZD
>

# 17829. Re: Power cord?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-27 10:46:53 UTC
From: ft857guy
Topic: 17825  Message: 17829

Thanks to all,

Yes they are the same. I was at work when I sent the email as I was ordering a cable and wanted to make sure I had the right one. I found a nice one that claimed to work on all three rigs which is why I asked. Thanks again. My next step is to change out the DTC114EU on the filter board as it has the lo rx on hf. I picked this one up from an estate for a great price, it had a ssb narrow filter in it as well.

Richy N2ZD

--- In ic706@yahoogroups.com, "jb" <xjjb4x4@...> wrote:
>
> Hi Rich,
> I noticed that the power chord for my 'g' was larger (fatter) than that of my Yeasu or Alinco UHF/VHF rigs. Otherwise the plugs are the same. In a pinch I know the Yeasu/Alinco chord will work but I wouldn't use it for a permanent replacement. ...and then at reduced power on HF. No doubt that the 706 on HF draws more from the chord than the vhf rigs so the larger size should be from larger guage conductors.
>
> I could be wrong but the math works. =)
>
> God bless
> 73
> jb
> kg6biw
>
>
> --- In ic706@yahoogroups.com, "ft857guy" <ss409ss@> wrote:
> >
> >
> > Hi Rich here,
> >
> > Is the power cord on the Mk2G the same as the Kenwood and Yaesu. I know my TS50 will work with my 857 cord as I checked the cables and the molex is the same with the same pattern. I am curious because the manual shows the same molex but no pinout diagram. Tnx
Richy N2ZD
> >
>

# 17830. Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 01:15:02 UTC
From: vk4vil
Topic: 17830  Message: 17830

I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
Consequently, the 706, with current power settings will be a problem, attached to the amp.
Can I modify power settings to obtain the full range?

Thanks.

# 17831. RE: [ic706] Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 06:13:36 UTC
From: Warren, Edward F
Topic: 17830  Message: 17831

I have the MkII, and the power settings are relative values - not watts. For example, level 4 is approximately 20W. I don't remember the entire corresponding values.

See you on the air.

73, Ed K8RD

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of vk4vil
Sent: Saturday, March 27, 2010 6:15 PM
To: ic706@yahoogroups.com
Subject: [ic706] Power range settings for 706

I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
Consequently, the 706, with current power settings will be a problem, attached to the amp.
Can I modify power settings to obtain the full range?

Thanks.

---

Yahoo! Groups Links

# 17832. Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 09:36:24 UTC
From: Mike Rodgers
Topic: 17830  Message: 17832

Why will they be a problem? Mike R

# 17833. Re: Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 11:44:37 UTC
From: vk5zuc
Topic: 17830  Message: 17833

The IC706 "originsl" is a bit tricky with an amp. It is 100W on HF and 6m and 10W on 2m. Lowest power is a fee Watts but they used the ALC to adjust the power portionately with the output power scale. 5 is 50W etc. Even when turned right down there is a 100W spike for a fraction of a second that can upset and even destroy some amps. Either get one that needs 100W drive or is "bullet proof" or has a decent delay in the PTT switching.

--- In ic706@yahoogroups.com, "vk4vil" <unwinl@...> wrote:
>
> I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
> I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
> Consequently, the 706, with current power settings will be a problem, attached to the amp.
> Can I modify power settings to obtain the full range?
>
> Thanks.
>

# 17834. Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 12:57:56 UTC
From: Mike Rodgers
Topic: 17830  Message: 17834

Have you verified with a wattmeter that 1 thru 9 is 1w thru 9w? Mike R

# 17835. Re: [ic706] Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 13:44:19 UTC
From: Ralph Mowery
Topic: 17830  Message: 17835

Have you actually measured the power ?  It should go from a few watts to the maximum in very small steps.  Even as you turn the dial between the numbers , the power will change slightly.

As mentioned, the 706 produces a full power spike for a fraction of a second every time it is switched to the transmitt mode.

Here is a chart of the power I am getting out of a 706.  I would think every rig would be slightly differant and even the wattmeter can be off slightly.
  Icom 706MKllG Power Output

Setting 3.8 28.5 50.2 144.2 432 440 449 MHZ

L 2 2 2 2 too low too low Not Checked
1 3 5 3 3 too low too low Not Checked
2 7 8 7 6 0.8 1 Not Checked
3 14 17 12 9 2 2 Not Checked
4 24 18 20 11 3.5 4 Not Checked
5 38 25 32 18 5.8 5 Not Checked
6 50 40 45 25 8 7 Not Checked
7 65 55 65 33 10 9 Not Checked
8 85 75 80 42 15 12 Not Checked
9 100 90 90 50 20 16 Not Checked
H 110 100 100 55 22 18 17
 Voltage 13.8 from Astron RS-50

The chart is hard to follow, but the first colum is the dial setting , the second is the power at 3.8 MHZ and the second is at 28.5 mhz and so on .  Notice the power out is not linear.

----- Original Message ----
From: vk4vil <unwinl@...>
To: ic706@yahoogroups.com
Sent: Sat, March 27, 2010 8:15:02 PM
Subject: [ic706] Power range settings for 706

I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
Consequently, the 706, with current power settings will be a problem, attached to the amp.
Can I modify power settings to obtain the full range?

Thanks.

# 17836. RE: [ic706] Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-28 14:34:29 UTC
From: Joe
Topic: 17830  Message: 17836

The numbers aren't watts -- just a relative scale as others have pointed out. Just choose your amp carefully so it handles the full output from the rig. If you HAVE to get an amp with low drive, put an attenuator inline with the TX path.

Joe, N3JI

-----Original Message-----
From: vk4vil <unwinl@...>
Sent: Saturday, March 27, 2010 08:15 PM
To: ic706@yahoogroups.com
Subject: [ic706] Power range settings for 706

I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
Consequently, the 706, with current power settings will be a problem, attached to the amp.
Can I modify power settings to obtain the full range?

Thanks.

Reply to sender | Reply to group | Reply via web post | Start a New Topic

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17837. Re: Power range settings for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-29 00:06:07 UTC
From: noskosteve
Topic: 17830  Message: 17837

The numbers on the front of the radio are relative to the VOLTAGE at the transmitter output because the voltage is sensed in the power control circuit. Therefore they follow a square relationship since P = E squared over R.
Place a decimal point in front of the display numbers for the relative voltage where "H" = 1.0

Therefore, for HF, a very close approximatoin is:
7 = 0.7 >>> squaring >>> 0.5 power or half full power or 50 W
5 = 0.5 >>> squaring >>> 0.25 full or 25 Watts

etc.

The numbers previously posted follow this scheme.

--
73, Steve, K9DCI

--- In ic706@...m, "vk4vil" <unwinl@...> wrote:
>
> I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
> I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
> Consequently, the 706, with current power settings will be a problem, attached to the amp.
> Can I modify power settings to obtain the full range?
>
> Thanks.
>

# 17838. Re: Power range settings for 706 P.S.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-29 00:08:00 UTC
From: noskosteve
Topic: 17830  Message: 17838

I just remembered that I put some data in the Files area.
It is in the Excel file: 706 Data.xls
--
73, Steve, K9DCI

--- In ic706@yahoogroups.com, "vk4vil" <unwinl@...> wrote:
>
> I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
> I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
> Consequently, the 706, with current power settings will be a problem, attached to the amp.
> Can I modify power settings to obtain the full range?
>
> Thanks.
>

# 17839. Re: Power range settings for 706 P.P.S.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-29 00:26:07 UTC
From: noskosteve
Topic: 17830  Message: 17839

Because there are setps (power changes) IN BETWEEN the display number changes, the power changes as the dial is turned between numbers without any change in the display numbers.

My data was taken turning the dial UPWARD and stopping just as a number changes. Therefore, my data is at the bottom of each "number band".
--
73, Steve, K9DCI

--- In ic706@yahoogroups.com, "noskosteve" <noskosteve@...> wrote:
>
>
> I just remembered that I put some data in the Files area.
> It is in the Excel file: 706 Data.xls
> --
> 73, Steve, K9DCI
>
> --- In ic706@yahoogroups.com, "vk4vil" <unwinl@> wrote:
> >
> > I have a 706 standard and the power settings are 1w-9w then straight to full power, designated as "H".
> > I'm currently completing studies for advanced level (Australia) and will want to add an amp (to 400w).
> > Consequently, the 706, with current power settings will be a problem, attached to the amp.
> > Can I modify power settings to obtain the full range?
> >
> > Thanks.
> >
>

# 17840. IC-706 MkII does not hold Freq and Band buttons beep but do not work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-29 13:55:16 UTC
From: n4pjx
Topic: 17840  Message: 17840

Hello all I have been digging around the site but have not come up with any info on this. Maybe I have not looked hard enough, anyway I have a MkII and everytime I power up the radio it seems like it does a reset and dumps all the memory and the menu settings. I have checked the band buttons to the best of my ability and I can not see or feel where they maybe stuck. They still beep but there is no change when pressed. The radio works it will take memories but as soon as you turn if off and back on eveything is wiped out.

Thanks for your time,

Rob N4PJX
Clarksville, TN.
rjdevlin at gmail dot com

# 17841. Re:IC-706 MkII does not hold Freq and Band buttons beep but do not work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 08:18:39 UTC
From: Phil Williams
Topic: 17840  Message: 17841

I'm not sure, but is there a lithium memory back-up battery in the '706?
eventually these go flat and strange things
can happen on power-up as the processor is confused.

Phil G3YPQ
www.cornwallharpcentre.co.uk
www.trehawsa.com

# 17842. Re:IC-706 MkII does not hold Freq and Band buttons beep but do not work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 10:56:09 UTC
From: n4pjx
Topic: 17840  Message: 17842

--- In ic706@yahoogroups.com, "Phil Williams" <phil@...> wrote:
>
> I'm not sure, but is there a lithium memory back-up battery in the '706?
> eventually these go flat and strange things
> can happen on power-up as the processor is confused.
>
> Phil G3YPQ
> www.cornwallharpcentre.co.uk
> www.trehawsa.com
>
I am not sure I have to find the book I bought it in 1997 but I have had the covers off and I have not seen anything that looks like a battery. I will continue to search and see what I find.

Rob

# 17843. Re: [ic706] Re:IC-706 MkII does not hold Freq and Band buttons beep but do not work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 13:11:25 UTC
From: Bob Hayner
Topic: 17840  Message: 17843

Hi Guys,
I own a 706 MkII.....from page 49 of the instruction manual:
/"All of the CPU's memory is backed up by an EEP-ROM
(Electronically-Erasable Programmable Read Only Memory). All data you
set, such as VFO, memory, set mode contents, etc is stored in this
EEP-ROM. There is no internal lithium battery."

/I hope this helps answer your question....GL
73,.......Bob N2RCH

Phil Williams wrote:
>
>
> I'm not sure, but is there a lithium memory back-up battery in the '706?
> eventually these go flat and strange things
> can happen on power-up as the processor is confused.
>
> Phil G3YPQ
> www.cornwallharpcentre.co.uk
> www.trehawsa.com
>
>

[Non-text portions of this message have been removed]

# 17844. 706 shut off itself

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 14:36:19 UTC
From: Jackie Green
Topic: 17844  Message: 17844

i'm having problem with radio begin shut down itself after i key the mike i check the swr is good and powersupply is good ! any idea why the radio shut off itself ?

Jackie
N4MJG

# 17845. Re: [ic706] 706 shut off itself

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 15:31:23 UTC
From: Ken Winterling
Topic: 17844  Message: 17845

Jackie,

Check the power cord connector at the radio. Those contacts expand thereby making poor contact with the "pins" in the radio connector. They will support low current draw (receive) but as soon as you draw high current through them (transmit) the rig loses power and shuts off.

Try carefully compressing the contacts in the connector on the cable and see if that doesn't solve the problem.

73,

Ken, WA2LBI

On Tue, Mar 30, 2010 at 10:36, Jackie Green <n4mjg1965@...> wrote:

> i'm having problem with radio begin shut down itself after i key the
> mike i check the swr is good and powersupply is good ! any idea why
> the radio shut off itself ?
>
>
> Jackie
> N4MJG
>

[Non-text portions of this message have been removed]

# 17846. Re: [ic706] 706 shut off itself

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 15:36:15 UTC
From: Ron K7CDL
Topic: 17844  Message: 17846

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Tue, 3/30/10, Ken Winterling <wa2lbi@...> wrote:

From: Ken Winterling <wa2lbi@frontiernet.net>
Subject: Re: [ic706] 706 shut off itself
To: ic706@yahoogroups.com
Date: Tuesday, March 30, 2010, 8:31 AM

Jackie,

Check the power cord connector at the radio. Those contacts expand thereby making poor contact with the "pins" in the radio connector. They will support low current draw (receive) but as soon as you draw high current through them (transmit) the rig loses power and shuts off.

Try carefully compressing the contacts in the connector on the cable and see if that doesn't solve the problem.

73,

Ken, WA2LBI

On Tue, Mar 30, 2010 at 10:36, Jackie Green <n4mjg1965@gmail. com> wrote:

> i'm having problem with radio begin shut down itself after i key the
> mike i check the swr is good and powersupply is good ! any idea why
> the radio shut off itself ?
>
>
> Jackie
> N4MJG
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17847. Re: [ic706] 706 shut off itself

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 15:37:07 UTC
From: Rakesh Kapoor
Topic: 17844  Message: 17847

Try cleaning the DC Voltage connector at the back of radio. Also remove radio front head, and clean the golden pins both-- of radio body and head side..... hope this will help.

vu2rak

_____
From: Jackie Green <n4mjg1965@...>
To: ic706@yahoogroups.com
Sent: Tue, 30 March, 2010 8:06:19 PM
Subject: [ic706] 706 shut off itself

i'm having problem with radio begin shut down itself after i key the
mike i check the swr is good and powersupply is good ! any idea why
the radio shut off itself ?

Jackie
N4MJG

Your Mail works best with the New Yahoo Optimized IE8. Get it NOW!
http://downloads.yahoo.com/in/internetexplorer/

[Non-text portions of this message have been removed]

# 17848. HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 17:24:03 UTC
From: Dihan Angelo
Topic: 17848  Message: 17848

hi friends !!! im having no audio on when in HF mode. but ok on VHF any ideas?

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

[Non-text portions of this message have been removed]

# 17849. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 17:28:59 UTC
From: Joe Isabella
Topic: 17848  Message: 17849

Have you confirmed all modes on VHF and tried FM on HF?

Joe, N3JI

---
From: Dihan Angelo <dihanangelo@...>
To: ic706@yahoogroups.com
Sent: Tue, March 30, 2010 12:24:03 PM
Subject: [ic706] HF receive dead in 706

hi friends !!! im having no audio on when in HF mode. but ok on VHF any ideas?

http://
dihanangelo. hi5.com
www.forbidden- knowledge. 8m.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17850. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 17:31:15 UTC
From: Dihan Angelo
Topic: 17848  Message: 17850

i tried all modes and options. but HF receive is dead. TX is ok though

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Tue, 3/30/10, Joe Isabella <n3ji@...> wrote:

From: Joe Isabella <n3ji@...>
Subject: Re: [ic706] HF receive dead in 706
To: ic706@yahoogroups.com
Date: Tuesday, March 30, 2010, 10:28 AM

Have you confirmed all modes on VHF and tried FM on HF?

Joe, N3JI

_____ _____ _____ __
From: Dihan Angelo <dihanangelo@ yahoo.com>
To: ic706@yahoogroups. com
Sent: Tue, March 30, 2010 12:24:03 PM
Subject: [ic706] HF receive dead in 706

hi friends !!! im having no audio on when in HF mode. but ok on VHF any ideas?

http://
dihanangelo. hi5.com
www.forbidden- knowledge. 8m.com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17851. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-30 18:17:24 UTC
From: Mike Rodgers
Topic: 17848  Message: 17851

This should be obvious but you have tried the squelch. Do you get rf signals on meter? Mike R

# 17852. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 01:48:48 UTC
From: Dihan Angelo
Topic: 17848  Message: 17852

no squelch was wide open on both vhf and hf with volume turned up. static was heard on VHF and a very low swishing sound on all HF bands

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Tue, 3/30/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: Re: [ic706] HF receive dead in 706
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, March 30, 2010, 11:17 AM

This should be obvious but you have tried the squelch. Do you get rf signals on meter? Mike R

[Non-text portions of this message have been removed]

# 17853. 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 07:09:49 UTC
From: Rakesh
Topic: 17853  Message: 17853

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

# 17854. Re: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 07:18:53 UTC
From: Ron K7CDL
Topic: 17853  Message: 17854

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@...> wrote:

From: Rakesh <vu2rak@...>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups.com
Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

[Non-text portions of this message have been removed]

# 17855. Re: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 07:40:19 UTC
From: Rakesh Kapoor
Topic: 17853  Message: 17855

Tnx for ur answering. I read ur mail earlier also. Though I use original cable from Icom, but is giving trouble. Does the length of cable also matter?????.....

Rakesh
VU2RAK

---
From: Ron K7CDL <nakitatrucker@...>
To: ic706@yahoogroups.com
Sent: Wed, 31 March, 2010 12:48:53 PM
Subject: Re: [ic706] 706 DC cord hotting up

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@yahoo. com> wrote:

From: Rakesh <vu2rak@yahoo. com>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups. com
Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

[Non-text portions of this message have been removed]

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17856. Re: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 07:44:31 UTC
From: Ron K7CDL
Topic: 17853  Message: 17856

that it can but shouldnt make too much differnt. how much are you keying up for? you running high power all the time? i would try to find someone to make you or make one yourself just a heavy gauge wire. sometimes wires heat up just from being used a lot. very good example is look at a laptop and how hot the power box that is on the power cord gets and also how hot a laptop gets. i have a chance to use 12 gauge a lot being it is just laying around and is free but when i can i use 10 gauge on stuff like my radios and power inverter.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh Kapoor <vu2rak@yahoo.com> wrote:

From: Rakesh Kapoor <vu2rak@...>
Subject: Re: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups.com
Date: Wednesday, March 31, 2010, 12:40 AM

Tnx for ur answering. I read ur mail earlier also. Though I use original cable from Icom, but is giving trouble. Does the length of cable also matter?????. .....

Rakesh
VU2RAK

__________ _________ _________ __
From: Ron K7CDL <nakitatrucker@ yahoo.com>
To: ic706@yahoogroups. com
Sent: Wed, 31 March, 2010 12:48:53 PM
Subject: Re: [ic706] 706 DC cord hotting up

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@yahoo. com> wrote:

From: Rakesh <vu2rak@yahoo. com>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups. com

Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

[Non-text portions of this message have been removed]

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo. com/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17857. Re: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 08:06:54 UTC
From: Rakesh Kapoor
Topic: 17853  Message: 17857

Yes, I do a lot of CW txing with full 100 watts. To me also looks as if the DC wire gauge, which I am using now, is THIN with respect to 20A current. I have TS50 and I use it same way on CW, but TS50,s cord does not get that much hot as of 706. I think you are right, I need to use thick wire when it comes to long Full power use on CW.

73

Rakesh

---
From: Ron K7CDL <nakitatrucker@...>
To: ic706@yahoogroups.com
Sent: Wed, 31 March, 2010 1:14:31 PM
Subject: Re: [ic706] 706 DC cord hotting up

that it can but shouldnt make too much differnt. how much are you keying up for? you running high power all the time? i would try to find someone to make you or make one yourself just a heavy gauge wire. sometimes wires heat up just from being used a lot. very good example is look at a laptop and how hot the power box that is on the power cord gets and also how hot a laptop gets. i have a chance to use 12 gauge a lot being it is just laying around and is free but when i can i use 10 gauge on stuff like my radios and power inverter.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh Kapoor <vu2rak@yahoo. com> wrote:

From: Rakesh Kapoor <vu2rak@yahoo. com>
Subject: Re: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups. com
Date: Wednesday, March 31, 2010, 12:40 AM

Tnx for ur answering. I read ur mail earlier also. Though I use original cable from Icom, but is giving trouble. Does the length of cable also matter?????. .....

Rakesh
VU2RAK

---
From: Ron K7CDL <nakitatrucker@ yahoo.com>
To: ic706@yahoogroups. com
Sent: Wed, 31 March, 2010 12:48:53 PM
Subject: Re: [ic706] 706 DC cord hotting up

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat

that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@yahoo. com> wrote:

From: Rakesh <vu2rak@yahoo. com>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups. com
Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

[Non-text portions of this message have been removed]

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo. com/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17858. RE: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 11:56:43 UTC
From: Joe
Topic: 17853  Message: 17858

The 706 power cord is 12 AWG, not 14 unless something has changed recently. I've been using those cords for decades with no issues. If the fuse holders are getting warm, it might be worth replacing them, but the cord should be fine unless it's been exposed to a lot of moisture degrading the copper inside.

Joe, N3JI

-----Original Message-----
From: Ron K7CDL <nakitatrucker@...>
Sent: Wednesday, March 31, 2010 02:18 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 DC cord hotting up

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@...> wrote:

From: Rakesh <vu2rak@...>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups.com
Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

[Non-text portions of this message have been removed]

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17859. S meter with reduced rf gain

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 12:52:23 UTC
From: mikerodgerske5gbc
Topic: 17859  Message: 17859

I don't think there is a way to get s meter to read with reduced rf gain is there.

Thanks, Mike R

# 17860. Service manual with mittsubishi finals

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 13:03:32 UTC
From: mikerodgerske5gbc
Topic: 17860  Message: 17860

Does anyone have or know a link to a service manual for mark 2g with the newer mittsubishi finals. I'm going to replace the VHF/UHF final which is cooked. There is a part next to it that may be cooked also I'm trying to identify. It may be a diode.
Looking down on the the final with front of radio facing you it is on left side of final.

Thanks, Mike R

# 17861. RE: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 13:13:00 UTC
From: Lefczik, Larry D
Topic: 17853  Message: 17861

Let's look at this from an engineering stand point:
You say the chord is getting hot but then say " specially the 2 fuses " (sic.). If it is the fuses that are getting hot, then one may want to check the connection of the fuses in the fuse holders. If they are dirty or corroded, this could be leading to high resistance which will result in localized heating.

If the entire cable is getting hot, then it is apparently under sized. If it is getting hot, then you are losing power to heat because of high wire resistance. Unlike the theoretical wire of zero Ohms we assume in circuit analysis, wire has resistance.

It is easy to test the whole assembly to see how bad things are. Use a volt meter to measure the voltage at the supply while transmitting at full power, then use the same meter to measure the voltage at the radio end of the cable at the power connector while transmitting. You will then be able to calculate how much power is going to heat. If it unacceptable, build a new power cable or shorten the present cable to an acceptable loss.

Yes, even the OEM cable has voltage loss. As you noted, the rig is drawing 20 Amps. I have measured up to 1.7V drop with the OEM cable. If you don't need the full length, shorten it. If it is a long run, use larger cable.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Joe
Sent: Wednesday, March 31, 2010 7:57 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] 706 DC cord hotting up

The 706 power cord is 12 AWG, not 14 unless something has changed recently. I've been using those cords for decades with no issues. If the fuse holders are getting warm, it might be worth replacing them, but the cord should be fine unless it's been exposed to a lot of moisture degrading the copper inside.

Joe, N3JI

-----Original Message-----
From: Ron K7CDL <nakitatrucker@yahoo.com>
Sent: Wednesday, March 31, 2010 02:18 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 DC cord hotting up

i will repeat what i have said just not long ago:

the same thing happen with one of my friend's 706. a lot of power cords these days are made so cheaply and with too small of power cable and also the heat that made by these cheap power cables makes the pins melt. like the past person said about pins. the best thing to do if you know how is to rebuild a power

cable with 10 gauge wire in my own opion. yes 10 gauge might be over kill but at least you wont have much of heat and it is a lot better then the 14 gauge companies are making. my 400watt power inverter came with a 14 gauge wire to power it lol.
K7CDL
Ron

--- On Wed, 3/31/10, Rakesh <vu2rak@yahoo.com> wrote:

From: Rakesh <vu2rak@yahoo.com>
Subject: [ic706] 706 DC cord hotting up
To: ic706@yahoogroups.com
Date: Wednesday, March 31, 2010, 12:09 AM

I use IC706MK2G on CW a lot. The current drawn by radio for 100watts at 13.8 V is about 20A. At this current and voltage, when I use radio for little long time for CW, the DC cord gets hot, specially the 2 fuses. What can be the reason??? Is the cord wire is not of required gauge to handle 20 A !!!!!! any help???

VU2RAK

# 17862. S meter with reduced rf gain

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 13:16:48 UTC
From: Mike Rodgers
Topic: 17859  Message: 17862

I answered my own question in the manual. Should have done that first.

Mike R

# 17863. Re: 706 shut off itself

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 15:14:40 UTC
From: jb
Topic: 17844  Message: 17863

Also, check your antenna connections, especially if you are mobil. This problem is almost always a connection problem of some kind ...including grounds.

God bless
73
jb
kgbiw

--- In ic706@yahoogroups.com, Rakesh Kapoor <vu2rak@...> wrote:
>
> Try cleaning the DC Voltage connector at the back of radio. Also remove radio front head, and clean the golden pins both-- of radio body and head side..... hope this will help.
>
> vu2rak
>
>
>
>
>
>
>
> _____
> From: Jackie Green <n4mjg1965@...>
> To: ic706@yahoogroups.com
> Sent: Tue, 30 March, 2010 8:06:19 PM
> Subject: [ic706] 706 shut off itself
>
>
> i'm having problem with radio begin shut down itself after i key the
> mike i check the swr is good and powersupply is good ! any idea why
> the radio shut off itself ?
>
> Jackie
> N4MJG
>
>
>
>
> Your Mail works best with the New Yahoo Optimized IE8. Get it NOW!
http://downloads.yahoo.com/in/internetexplorer/
>
> [Non-text portions of this message have been removed]
>

# 17864. 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 15:56:00 UTC
From: Mike Rodgers
Topic: 17853  Message: 17864

I know a guy in england that melted the connector on the back of the radio.
Watch that duty cycle. Your probally heating up the finals and the board too.

Make sure your power supply is adequate and shorten the wires if possible. Inspect all connections.

I made a qso this morning on ten watts so not sure full power is necessary but I know it's hard to reduce power, we want more.

I'm looking at replacing a VHF final and I can see the hf finals have been hot enough to ooze flux on the solder joints.If they're not Mitsubishi finals you probbaly can't get any replacements so take care of them and happy QSO'ing

Mike R

# 17865. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 17:09:33 UTC
From: Dihan Angelo
Topic: 17848  Message: 17865

and the s meter registered no incoming signal on any hf band

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Tue, 3/30/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: Re: [ic706] HF receive dead in 706
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, March 30, 2010, 11:17 AM

This should be obvious but you have tried the squelch. Do you get rf signals on meter? Mike R

[Non-text portions of this message have been removed]

# 17866. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 17:35:40 UTC
From: Mike Rodgers
Topic: 17848  Message: 17866

If transmit is ok that rules out antenna or antenna jack on 706.

If you can't get anything on the s meter then it's somewhere besides the audio circuits providing rf gain is right.
What about am broadcast stations, I'm guessing there should be nothing there either.

Is green receive light on?
I guess you have noise on 2m ssb?

I'm afraid this is beyond me. Mike R

# 17867. Re: [ic706] HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 02:40:47 UTC
From: Dihan Angelo
Topic: 17848  Message: 17867

antenna is ok ! swr meter on 706 ok. squelch fully open.  all modes on 2m ok

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Wed, 3/31/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: Re: [ic706] HF receive dead in 706
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Wednesday, March 31, 2010, 10:35 AM

If transmit is ok that rules out antenna or antenna jack on 706.

If you can't get anything on the s meter then it's somewhere besides the audio circuits providing rf gain is right.
What about am broadcast stations, I'm guessing there should be nothing there either.

Is green receive light on?
I guess you have noise on 2m ssb?

I'm afraid this is beyond me. Mike R

[Non-text portions of this message have been removed]

# 17868. removable head won't detach !!!!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-03-31 23:59:20 UTC
From: jerry
Topic: 17868  Message: 17868

I cannot seperate the front panel--it's never been off, the panel release button appears frozen!

Anyone have a fix, so it will seperate??

Rig works fine otherwise.
Thanks/73

Jerry VE3 EXT

# 17869. Re: HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 04:57:27 UTC
From: ft857guy
Topic: 17848  Message: 17869

There is a switching transistor that goes bad causing no HF RX when it bites the dust. Its located next to a relay on the filter board (I believe RLY1 is operated by Q1 Icom part number 1590000680 S.TRANSISTOR Common part number DTC114EUA T106) If it goes bad, the relay is held to the favor the PA in RX cauing the radio to go deaf on all bands. I hope this helps you.. Richy N2ZD

--- In ic706@yahoogroups.com, Dihan Angelo <dihanangelo@...> wrote:
>
> antenna is ok ! swr meter on 706 ok. squelch fully open.Â  all modes on 2m ok
>
>
> http://
> dihanangelo.hi5.com
> www.forbidden-knowledge.8m.com
>
> --- On Wed, 3/31/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
>
> From: Mike Rodgers <mikerodgerske5gbc@...>
> Subject: Re: [ic706] HF receive dead in 706
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Date: Wednesday, March 31, 2010, 10:35 AM
>
>
> Â
>
>
>
> If transmit is ok that rules out antenna or antenna jack on 706.
>
> If you can't get anything on the s meter then it's somewhere besides the audio circuits providing rf gain is right.
> What about am broadcast stations, I'm guessing there should be nothing there either.
>
> Is green receive light on?
> I guess you have noise on 2m ssb?
>
> I'm afraid this is beyond me. Mike R
>
>
>
>
>
>
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17870. Re: [ic706] Re: HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 05:54:08 UTC
From: Dihan Angelo
Topic: 17848  Message: 17870

thanks...but isnt the filter board relays only effect TX? coz even if the relays dont wrk wouldnt there be a big enough RF input thru antenna to still give a RX audio out?

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Wed, 3/31/10, ft857guy <ss409ss@...> wrote:

From: ft857guy <ss409ss@...>
Subject: [ic706] Re: HF receive dead in 706
To: ic706@yahoogroups.com
Date: Wednesday, March 31, 2010, 9:57 PM

There is a switching transistor that goes bad causing no HF RX when it bites the dust. Its located next to a relay on the filter board (I believe RLY1 is operated by Q1 Icom part number 1590000680 S.TRANSISTOR Common part number DTC114EUA T106) If it goes bad, the relay is held to the favor the PA in RX cauing the radio to go deaf on all bands. I hope this helps you.. Richy N2ZD

--- In ic706@yahoogroups. com, Dihan Angelo <dihanangelo@ ...> wrote:
>
> antenna is ok ! swr meter on 706 ok. squelch fully open.Â  all modes on 2m ok
>
>
> http://
> dihanangelo. hi5.com
> www.forbidden- knowledge. 8m.com
>
> --- On Wed, 3/31/10, Mike Rodgers <mikerodgerske5gbc@ ...> wrote:
>
>
> From: Mike Rodgers <mikerodgerske5gbc@ ...>
> Subject: Re: [ic706] HF receive dead in 706
> To: "ic706@yahoogroups. com" <ic706@yahoogroups. com>
> Date: Wednesday, March 31, 2010, 10:35 AM
>
>
> Â
>
>
>
> If transmit is ok that rules out antenna or antenna jack on 706.
>
> If you can't get anything on the s meter then it's somewhere besides the audio circuits providing rf gain is right.

> What about am broadcast stations, I'm guessing there should be nothing there either.
>
> Is green receive light on?
> I guess you have noise on 2m ssb?
>
> I'm afraid this is beyond me. Mike R
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17871. Re: [ic706] 706 DC cord hotting up

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 12:29:22 UTC
From: Rakesh Kapoor
Topic: 17853  Message: 17871

Dear Mike,

Well, 10 watts with a dipole on 20 meters is not enough to work DX, but with a beam, yes, it is ok. So with dipole, about 80-100 watts on 20 and 40m is just right power when condx are marginal. So, I use full 100 watts with 0db gain Dipole and that works good on 20 and 40. But at that level on CW, power
cord does gets hot.

You say that even if power CORD is not getting that hot but PA transistors are under extensive heat and can get destroyed after prolonged use on CW !!!!! that is very scary .....

I use TS50 with full 100 watts and found that it,s CORD does not get that HOT.

So even if I use thick gauge CORD with IC706 , which does not get hot, but PA Transistors are at stake.

73

Rakesh

---
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Wed, 31 March, 2010 9:26:00 PM
Subject: [ic706] 706 DC cord hotting up

I know a guy in england that melted the connector on the back of the radio.
Watch that duty cycle. Your probally heating up the finals and the board too.

Make sure your power supply is adequate and shorten the wires if possible. Inspect all connections.

I made a qso this morning on ten watts so not sure full power is necessary but I know it's hard to reduce power, we want more.

I'm looking at replacing a VHF final and I can see the hf finals have been hot enough to ooze flux on the solder joints.If they're not Mitsubishi finals you probbaly can't get any replacements so take care of them and happy QSO'ing

Mike R

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17872. DC Cord

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 12:44:48 UTC
From: Rakesh Kapoor
Topic: 17872  Message: 17872

Dear Mike,

Well, 10 watts with a dipole on 20 meters is not enough to work DX, but with a beam, yes, it is ok. So with dipole, about 80-100 watts on 20 and 40m is just right power when condx are marginal. So, I use full 100 watts with 0db gain Dipole and that works good on 20 and 40. But at that level on CW, power
cord does get hot.

You say that even if power CORD is not getting that hot but PA transistors are under extensive heat and can get destroyed after prolonged use on CW !!!!! that is very scary .....

I use TS50 with full 100 watts and found that it,s CORD does not get that HOT.

So even if I use thick gauge CORD with IC706 , which does not get hot, but PA Transistors are at stake.

73

Rakesh

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17873. DC Cord

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 13:12:05 UTC
From: Mike Rodgers
Topic: 17872  Message: 17873

Rakesh, if the cord is getting way hot, it's telling you something and it may be resistance generating the heat.

Make sure all the connections are good. Consider using gold plated terminals. It might be worthwhile to make a heavier gauge supply line but I would try to shorten it first( more length equals more resistence. You might even need to move the power supply closer. If you make a new cord use the larger size fuses ( not more amps but bigger physical size). Wal Mart and stereo shops have these.

Watch your transmit duty cycle. Most recommend a 50% duty cycle.

By the way, I run a 80m delta loop.it's not that good on 80 and 40 but is on the higher bands. Only problem is you can't turn it.

Happy QSO'ing. Mike R

# 17874. Re: [ic706] DC Cord

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 15:17:53 UTC
From: Rakesh Kapoor
Topic: 17872  Message: 17874

I tried a short Cord, about 12inch, it still becomes very hot......but the DC connector at the back of radio, does not get that hot as the wire, specially near the fuse holders. I will check if the fuses are tightly fit in holders.

Rakesh

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Thu, 1 April, 2010 6:42:05 PM
Subject: [ic706] DC Cord

Rakesh, if the cord is getting way hot, it's telling you something and it may be resistance generating the heat.

Make sure all the connections are good. Consider using gold plated terminals. It might be worthwhile to make a heavier gauge supply line but I would try to shorten it first( more length equals more resistence. You might even need to move the power supply closer. If you make a new cord use the larger size fuses ( not more amps but bigger physical size). Wal Mart and stereo shops have these.

Watch your transmit duty cycle. Most recommend a 50% duty cycle.

By the way, I run a 80m delta loop.it's not that good on 80 and 40 but is on the higher bands. Only problem is you can't turn it.

Happy QSO'ing. Mike R

The INTERNET now has a personality. YOURS! See your Yahoo! Homepage. http://in.yahoo.com/

[Non-text portions of this message have been removed]

# 17875. Re: [ic706] DC Cord

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-01 15:52:36 UTC
From: Mike Rodgers
Topic: 17872  Message: 17875

The fuse holders are probally giving some resistance.I don't particularly like those type fuse holders that slide in.

If you can find the oversize ones I mentioned, change them out. They are a little pricey and some of the oversize fuses are gold plated. Mike R

# 17876. Re: HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-02 03:53:25 UTC
From: ft857guy
Topic: 17848  Message: 17876

Reread my post, the relay affects rx also.

--- In ic706@yahoogroups.com, Dihan Angelo <dihanangelo@...> wrote:
>
> thanks...but isnt the filter board relays only effect TX? coz even if the relays dont wrk wouldnt there be a big enough RF input thru antenna to still give a RX audio out?
>
>
> http://
> dihanangelo.hi5.com
> www.forbidden-knowledge.8m.com
>
> --- On Wed, 3/31/10, ft857guy <ss409ss@...> wrote:
>
>
> From: ft857guy <ss409ss@...>
> Subject: [ic706] Re: HF receive dead in 706
> To: ic706@yahoogroups.com
> Date: Wednesday, March 31, 2010, 9:57 PM
>
>
> Â
>
>
>
>
> There is a switching transistor that goes bad causing no HF RX when it bites the dust. Its located next to a relay on the filter board (I believe RLY1 is operated by Q1 Icom part number 1590000680 S.TRANSISTOR Common part number DTC114EUA T106) If it goes bad, the relay is held to the favor the PA in RX cauing the radio to go deaf on all bands. I hope this helps you.. Richy N2ZD
>
> --- In ic706@yahoogroups. com, Dihan Angelo <dihanangelo@ ...> wrote:
> >
> > antenna is ok ! swr meter on 706 ok. squelch fully open.Ã□Â  all modes on 2m ok
> >
> >
> > http://
> > dihanangelo. hi5.com
> > www.forbidden- knowledge. 8m.com
> >
> > --- On Wed, 3/31/10, Mike Rodgers <mikerodgerske5gbc@ ...> wrote:
> >
> >
> > From: Mike Rodgers <mikerodgerske5gbc@ ...>

> > Subject: Re: [ic706] HF receive dead in 706
> > To: "ic706@yahoogroups. com" <ic706@yahoogroups. com>
> > Date: Wednesday, March 31, 2010, 10:35 AM
> >
> >
> > Ã□Â
> >
> >
> >
> > If transmit is ok that rules out antenna or antenna jack on 706.
> >
> > If you can't get anything on the s meter then it's somewhere besides the audio circuits providing rf gain is right.
> > What about am broadcast stations, I'm guessing there should be nothing there either.
> >
> > Is green receive light on?
> > I guess you have noise on 2m ssb?
> >
> > I'm afraid this is beyond me. Mike R
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17877. Re: [ic706] Re: HF receive dead in 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-02 05:02:12 UTC
From: Dihan Angelo
Topic: 17848  Message: 17877

thanks illl give it a try

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Thu, 4/1/10, ft857guy <ss409ss@...> wrote:

From: ft857guy <ss409ss@...>
Subject: [ic706] Re: HF receive dead in 706
To: ic706@yahoogroups.com
Date: Thursday, April 1, 2010, 8:53 PM

Reread my post, the relay affects rx also.

--- In ic706@yahoogroups. com, Dihan Angelo <dihanangelo@ ...> wrote:
>
> thanks...but isnt the filter board relays only effect TX? coz even if the relays dont wrk wouldnt there be a big enough RF input thru antenna to still give a RX audio out?
>
>
> http://
> dihanangelo. hi5.com
> www.forbidden- knowledge. 8m.com
>
> --- On Wed, 3/31/10, ft857guy <ss409ss@... > wrote:
>
>
> From: ft857guy <ss409ss@... >
> Subject: [ic706] Re: HF receive dead in 706
> To: ic706@yahoogroups. com
> Date: Wednesday, March 31, 2010, 9:57 PM
>
>
> Â
>
>
>
>
> There is a switching transistor that goes bad causing no HF RX when it bites the dust. Its located next to a relay on the filter board (I believe RLY1 is operated by Q1 Icom part number 1590000680 S.TRANSISTOR Common part number DTC114EUA T106) If it goes bad, the relay is held to the favor the PA in RX cauing the radio to go deaf on all bands. I hope this helps you.. Richy N2ZD
>
> --- In ic706@yahoogroups. com, Dihan Angelo <dihanangelo@ ...> wrote:

> >
> > antenna is ok ! swr meter on 706 ok. squelch fully open.Ã,Â  all modes on 2m ok
> >
> >
> > http://
> > dihanangelo. hi5.com
> > www.forbidden- knowledge. 8m.com
> >
> > --- On Wed, 3/31/10, Mike Rodgers <mikerodgerske5gbc@ ...> wrote:
> >
> >
> > From: Mike Rodgers <mikerodgerske5gbc@ ...>
> > Subject: Re: [ic706] HF receive dead in 706
> > To: "ic706@yahoogroups. com" <ic706@yahoogroups. com>
> > Date: Wednesday, March 31, 2010, 10:35 AM
> >
> >
> > Ã,Â
> >
> >
> >
> > If transmit is ok that rules out antenna or antenna jack on 706.
> >
> > If you can't get anything on the s meter then it's somewhere besides the audio circuits
providing rf gain is right.
> > What about am broadcast stations, I'm guessing there should be nothing there either.
> >
> > Is green receive light on?
> > I guess you have noise on 2m ssb?
> >
> > I'm afraid this is beyond me. Mike R
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17878. Re: power drop to 2 watts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-02 13:06:37 UTC
From: pedro lecuna
Topic: 17878  Message: 17878

To begin with I apologize for the English since it is the result of
the Google translator.
Greetings to everyone.
My ic706 mk2 has the following problem.
When I start to transmit at level 4 or 5 power the meter mark between
20 and 40 watts, but after about 15 minutes of work (PSK31) the power
drops to 2 watts and then I have to lower the level to 3 for
potencencia to dial between 10 and 15 watts.
The problem is on all HF bands and all modes.
Thank you in advance:
Yv4ow
Margarita Island

# 17879. Looking for a faulty ICOM IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-02 15:21:15 UTC
From: sm6vtt
Topic: 17879  Message: 17879

Hi.

I am looking for a faulty IC-706, model doesn't matter. Everything of interest!

73 de Fredrik SM6VTT

# 17880. Re: power drop to 2 watts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-03 21:07:29 UTC
From: zl1tbg
Topic: 17878  Message: 17880

I have a 706 MK2G which has 2 problems similar:

on any HF band, the power output reading and VSWR reading would change. There is a small plastic trim capacitor in the VSWR detector bridge which "melts" and can be replaced with approx. 3.3pf ceramic capacitor for a rough fix.

on any HF band, after transmitting continuously (any mode) for approx. 5 minutes, output suddenly drops to approx. 2 watts. Other stations can still hear me at this reduced level. I can restore the output to normal only by changing to a VHF frequency, then briefly transmitting on that frequency, then change back to the original HF band and full power is obtained. Just powering off the radio will not restore.

I have traced the loss of power to be caused by a loss of drive to the PA board. The HF drivers and finals and filter board and relays are not the problem. So I suspect its a ALC / refl. power shutdown issue detected perhaps erroneously by the control board and its shutting the drive down. It may or may not be related to the earlier problem with the fwd/refl power sensing circuit. This is the first version of MK2G with the early finals no longer obtainable (but mine are OK) I am not fixing this fault further, just describing the symptoms and workaround if that helps for your situation. I also have a original 706 which is a better radio (but no DSP or UHF)

Ralph ZL1TBG

--- In ic706@yahoogroups.com, pedro lecuna <pedrolecuna@...> wrote:
>
> To begin with I apologize for the English since it is the result of
> the Google translator.
> Greetings to everyone.
> My ic706 mk2 has the following problem.
> When I start to transmit at level 4 or 5 power the meter mark between
> 20 and 40 watts, but after about 15 minutes of work (PSK31) the power
> drops to 2 watts and then I have to lower the level to 3 for
> potencencia to dial between 10 and 15 watts.
> The problem is on all HF bands and all modes.
> Thank you in advance:
> Yv4ow
> Margarita Island
>

# 17881. 706 mkiig issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-04 16:37:27 UTC
From: ft857guy
Topic: 17881  Message: 17881

Dear 706 fans, anyone ever run into this?

Distorted and low audio on FM and barely any audio on AM..? In SSB the rig works fine.

The supply is ok, mic is ok, swr is ok, checked into a dummy load. Face on radio. All of the usual gremlins have been attacked, this problem is in the rig, just checking to see if anyone has run into this problem. I've never owned a 706 before.. Tnx Richy

# 17882. HM-118TN Mike compatibilty

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-05 00:51:33 UTC
From: Patrick S
Topic: 17882  Message: 17882

I purchased a used IC-706 (first model) about a year ago, the HM-103 mike came with a broken mod. plug and I have it taped in place.

At a local hamfest I acquired a HM-118TN DTMF mike with no information on it usage or compatiblity. Anyone have a schematic of the mike? Is this a suitable replacement? Will it work on my original model 706 as is, or are wiring modifications needed? Tnx

# 17883. Re: [ic706] HM-118TN Mike compatibilty

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-05 06:33:18 UTC
From: Dan Smith
Topic: 17882  Message: 17883

I have a HM-118TN mic that I bought new with my 1st 706m2g. Works just fine. I have used it on a 706 original with no problems.
73
Dan/KD7UFF

---
From: Patrick S <wa2dhb@...>
To: ic706@yahoogroups.com
Sent: Sun, April 4, 2010 5:51:33 PM
Subject: [ic706] HM-118TN Mike compatibilty

I purchased a used IC-706 (first model) about a year ago, the HM-103 mike came with a broken mod. plug and I have it taped in place.

At a local hamfest I acquired a HM-118TN DTMF mike with no information on it usage or compatiblity. Anyone have a schematic of the mike? Is this a suitable replacement? Will it work on my original model 706 as is, or are wiring modifications needed? Tnx

[Non-text portions of this message have been removed]

# 17884. Re: 706 mkiig issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-06 21:54:24 UTC
From: Jim
Topic: 17881  Message: 17884

I had a similar problem with my 706MKIIG. The radio worked fine on SSB but would not transmit on FM. It did receive on FM. I sent it to the ICOM Service Center in Michigan. They "realigned" part of the radio. (I can't find the repair invoice to see what they actually did.) They are fast and reasonable. I had the radio back in about two weeks and the charge was about $55.00 including shipping back to me. ICOM Service Center Michigan-SAR Technical Services. (269)429-2334. Talk to Matt when you call. Usually you will have to leave a message, and he will call you back. Hope this helps. 73, Jim W0VKW

--- In ic706@yahoogroups.com, "ft857guy" <ss409ss@...> wrote:
>
>
> Dear 706 fans, anyone ever run into this?
>
> Distorted and low audio on FM and barely any audio on AM..? In SSB the rig works fine.
>
> The supply is ok, mic is ok, swr is ok, checked into a dummy load. Face on radio. All of the usual gremlins have been attacked, this problem is in the rig, just checking to see if anyone has run into this problem. I've never owned a 706 before.. Tnx Richy
>

# 17885. 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-06 23:10:58 UTC
From: k1uwj
Topic: 17885  Message: 17885

I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.

Any ideas as to what to do next?
Thanks
K1uwj

# 17886. Re: [ic706] 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-07 11:33:24 UTC
From: Deacon Dave
Topic: 17885  Message: 17886

Tom, many times such issues are traced to a poor connection in the power cable. Some after market plugs simply do make a good connection to the ICOM version of the plug.

The symptoms you describe sound like the voltage at the 706MKiiG, inside the radio, is dropping below 11.5 volts.

The 706s are a very popular radio. Check around the East Templeton area, local ham clubs, etc to see if you can borrow a cable for a check test.

DD, W1MCE ... near Concord, NH or I'd make my cable available to you :-)

----- Original Message -----
From: k1uwj
To: ic706@yahoogroups.com
Sent: Tuesday, April 06, 2010 7:10 PM
Subject: [ic706] 706MKIIG power cycles on-off-on-off

I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.

Any ideas as to what to do next?
Thanks
K1uwj

[Non-text portions of this message have been removed]

# 17887. Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-07 14:45:19 UTC
From: k1uwj
Topic: 17885  Message: 17887

Thanks Dave. I have thoroughly checked out the power cable, even to the point of applying power directly inside the xcvr, bypassing the molex plug. I also cleaned the gold connectors on the "head"...no change.
The last thing I tried was to increase the power supply voltage to 14 volts from 13v.....currently the unit seems to be working ok... we'll see. But like I mentioned in the original post, the problem is not reproducable, it comes and goes.
73
TJ

--- In ic706@yahoogroups.com, "k1uwj" <tom200is@...> wrote:
>
> I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
> Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
> BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
> I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.
>
> Any ideas as to what to do next?
> Thanks
> K1uwj
>

# 17888. Re: [ic706] Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-07 14:55:07 UTC
From: Deacon Dave
Topic: 17885  Message: 17888

AHA!

The 706MKiiG is designed for 13.8 VDC at the radio.

If the voltage drops into the 12 volt range funny things happen. I think you put your finger on the issue. Keep the voltage at 13.8 at the radio under 20 ampere load.

Let us know if/when this works out.

DD,
----- Original Message -----
From: k1uwj
To: ic706@yahoogroups.com
Sent: Wednesday, April 07, 2010 10:45 AM
Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off

Thanks Dave. I have thoroughly checked out the power cable, even to the point of applying power directly inside the xcvr, bypassing the molex plug. I also cleaned the gold connectors on the "head"...no change.
The last thing I tried was to increase the power supply voltage to 14 volts from 13v.....currently the unit seems to be working ok... we'll see. But like I mentioned in the original post, the problem is not reproducable, it comes and goes.
73
TJ

--- In ic706@yahoogroups.com, "k1uwj" <tom200is@...> wrote:
>
> I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
> Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
> BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
> I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.
>
> Any ideas as to what to do next?
> Thanks
> K1uwj
>

[Non-text portions of this message have been removed]

# 17889. Re: 706 mkiig issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-07 15:22:59 UTC
From: ft857guy
Topic: 17881  Message: 17889

Thanks Jim,

I corrected the FM issue by tacking down the pot for FM PLL and then gave it a few turns back and forth and set the voltage to 1.8v as per the manual, then I reset the deviation and now it works like gangbusters. It appears to be a common issue with both HF and VHF/UHF PLL and reference circuits drifting on these rigs. I found every single adjustment for PLL voltages out of whack by some degree although the rig worked fine on HF. Thanks, Richy N2ZD

--- In ic706@yahoogroups.com, "Jim" <w0vkw@...> wrote:
>
> I had a similar problem with my 706MKIIG. The radio worked fine on SSB but would not transmit on FM. It did receive on FM. I sent it to the ICOM Service Center in Michigan. They "realigned" part of the radio. (I can't find the repair invoice to see what they actually did.) They are fast and reasonable. I had the radio back in about two weeks and the charge was about $55.00 including shipping back to me. ICOM Service Center Michigan-SAR Technical Services. (269)429-2334. Talk to Matt when you call. Usually you will have to leave a message, and he will call you back. Hope this helps. 73, Jim W0VKW
> 
> --- In ic706@yahoogroups.com, "ft857guy" <ss409ss@> wrote:
> >
> >
> > Dear 706 fans, anyone ever run into this?
> >
> > Distorted and low audio on FM and barely any audio on AM..? In SSB the rig works fine.
> >
> > The supply is ok, mic is ok, swr is ok, checked into a dummy load. Face on radio. All of the usual gremlins have been attacked, this problem is in the rig, just checking to see if anyone has run into this problem. I've never owned a 706 before.. Tnx Richy
> >
>

# 17890. Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 00:12:02 UTC
From: k1uwj
Topic: 17885  Message: 17890

Well I thought I had nailed it. Power supply maxed out at 14 volts (at the radio). Problem seemed to go away, but it just power cycled itself while I's sitting here. But only one time..... Maybe I need to send it to the guy in (florida?) problem is he could run it for months without seeing the problem.....arghhh!
TJ

--- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@...> wrote:
>
> AHA!
>
> The 706MKiiG is designed for 13.8 VDC at the radio.
>
> If the voltage drops into the 12 volt range funny things happen. I think you put your finger on the issue. Keep the voltage at 13.8 at the radio under 20 ampere load.
>
> Let us know if/when this works out.
>
> DD,
> ----- Original Message -----
> From: k1uwj
> To: ic706@yahoogroups.com
> Sent: Wednesday, April 07, 2010 10:45 AM
> Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
>
>
>
> Thanks Dave. I have thoroughly checked out the power cable, even to the point of applying power directly inside the xcvr, bypassing the molex plug. I also cleaned the gold connectors on the "head"...no change.
> The last thing I tried was to increase the power supply voltage to 14 volts from 13v.....currently the unit seems to be working ok... we'll see. But like I mentioned in the original post, the problem is not reproducable, it comes and goes.
> 73
> TJ
>
> --- In ic706@yahoogroups.com, "k1uwj" <tom200is@> wrote:
> >
> > I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.

> > Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
> > BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
> > I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.
> >
> > Any ideas as to what to do next?
> > Thanks
> > K1uwj
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 17891. Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 00:42:57 UTC
From: Mike Rodgers
Topic: 17885  Message: 17891

Probally not the auto sleep timer but thought I'd mention it anyway. Mike R

# 17892. Re: [ic706] Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 16:04:13 UTC
From: Deacon Dave
Topic: 17885  Message: 17892

There is built in power shut down cycle in MKiiG. Do you have it turned ON or OFF?

----- Original Message -----
From: k1uwj
To: ic706@yahoogroups.com
Sent: Wednesday, April 07, 2010 8:12 PM
Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off

Well I thought I had nailed it. Power supply maxed out at 14 volts (at the radio). Problem seemed to go away, but it just power cycled itself while I's sitting here. But only one time..... Maybe I need to send it to the guy in (florida?) problem is he could run it for months without seeing the problem.....arghhh!
TJ

--- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@...> wrote:
>
> AHA!
>
> The 706MKiiG is designed for 13.8 VDC at the radio.
>
> If the voltage drops into the 12 volt range funny things happen. I think you put your finger on the issue. Keep the voltage at 13.8 at the radio under 20 ampere load.
>
> Let us know if/when this works out.
>
> DD,
> ----- Original Message -----
> From: k1uwj
> To: ic706@yahoogroups.com
> Sent: Wednesday, April 07, 2010 10:45 AM
> Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
>
>
>
>
> Thanks Dave. I have thoroughly checked out the power cable, even to the point of applying power directly inside the xcvr, bypassing the molex plug. I also cleaned the gold connectors on the "head"...no change.
> The last thing I tried was to increase the power supply voltage to 14 volts from 13v.....currently the unit seems to be working ok... we'll see. But like I mentioned in the original post, the problem is not reproducable, it comes and goes.
> 73
> TJ
>
> --- In ic706@yahoogroups.com, "k1uwj" <tom200is@> wrote:
> >
> > I'm new to this group, I'm just getting back into radio after many years absence. The

last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
> > Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
> > BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
> > I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.
> >
> > Any ideas as to what to do next?
> > Thanks
> > K1uwj
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 17893. RE: [ic706] Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 16:47:11 UTC
From: D Anderson
Topic: 17885  Message: 17893

OK -- DC Sply good and voltage ok.
Now try another DC cord preferably with fuses eliminated.
Jus remember if fuse looks good it means nothing .. cuz it can ohmeter good
but be bad/open under current load
fyi - Dave
www.tesystems.com

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]On Behalf Of
k1uwj
Sent: Wednesday, April 07, 2010 5:12 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off

Well I thought I had nailed it. Power supply maxed out at 14 volts (at the
radio). Problem seemed to go away, but it just power cycled itself while
I's sitting here. But only one time..... Maybe I need to send it to the guy
in (florida?) problem is he could run it for months without seeing the
problem.....arghhh!
TJ

--- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@...> wrote:
>
> AHA!
>
> The 706MKiiG is designed for 13.8 VDC at the radio.
>
> If the voltage drops into the 12 volt range funny things happen. I think
you put your finger on the issue. Keep the voltage at 13.8 at the radio
under 20 ampere load.
>
> Let us know if/when this works out.
>
> DD,
> ----- Original Message -----
> From: k1uwj
> To: ic706@yahoogroups.com
> Sent: Wednesday, April 07, 2010 10:45 AM
> Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
>
>
>
>
> Thanks Dave. I have thoroughly checked out the power cable, even to the
point of applying power directly inside the xcvr, bypassing the molex plug.
I also cleaned the gold connectors on the "head"...no change.
> The last thing I tried was to increase the power supply voltage to 14

volts from 13v.....currently the unit seems to be working ok... we'll see. But like I mentioned in the original post, the problem is not reproducable, it comes and goes.
> 73
> TJ
>
> --- In ic706@yahoogroups.com, "k1uwj" <tom200is@> wrote:
> >
> > I'm new to this group, I'm just getting back into radio after many years absence. The last rig I had was vacuum tubes before they were called boat anchors. I purchased a used 706MKIIG that has developed a power problem. I am using it as a base (not mobile). One day I came into the shack and the radio was "off' but what sounded like a relay was clicking-clicking-clicking. the rig would not power up. I disconnected power cord, left it alone for a few days, now the rig powered up but would randomly power itself down, then up, down, up down, sometimes it stayed on for a couple of minutes, sometimes only a few seconds.
> > Sent it off to ICOM for repair. They found no problem and blamed my power supply. got rig back and worked fine for 6 months. Now the problem is back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has the same problem on battery power.
> > BTW, I have not even tried to xmit yet, all this stuff is during RCV mode.
> > I have checked and rechecked the power connections, tightened the crimps, took off the cover and checked the internal crimps....no joy.
> >
> > Any ideas as to what to do next?
> > Thanks
> > K1uwj
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

# 17894. Spare parts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 17:55:49 UTC
From: oz1cjx
Topic: 17894  Message: 17894

Hello
I just bought an(other) 706mkIIG because it was quite cheap annd came with an AH-4.
However I discovered that the front plate latch and spring was missing.
It is MP7 and MP15 on the drawing in the service manual.

Does anybody have a spare or perhaps know of a good place to buy it?

Vy 73 de Lars / OZ1CJX

# 17895. RE: [ic706] Spare parts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 19:56:07 UTC
From: Peter
Topic: 17894  Message: 17895

Try http://www.hifissb.com/

Regards

Peter

This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secured or error-free as information could be intercepted, corrupted, lost, destroyed, received late or incomplete, or could contain viruses. The sender therefore does not accept liability for any error or omission in the contents of this message, which arises as a result of e-mail transmission.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of oz1cjx
Sent: 08 April 2010 6:56 PM
To: ic706@yahoogroups.com
Subject: [ic706] Spare parts

Hello
I just bought an(other) 706mkIIG because it was quite cheap annd came with an AH-4.
However I discovered that the front plate latch and spring was missing.
It is MP7 and MP15 on the drawing in the service manual.

Does anybody have a spare or perhaps know of a good place to buy it?

Vy 73 de Lars / OZ1CJX

[Non-text portions of this message have been removed]

# 17896. Re: [ic706] Spare parts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-08 23:04:44 UTC
From: "Glenn (KØBO)"
Topic: 17894  Message: 17896

I've ordered these from icom for less then $10USD. Once, when repairing a friends radio, they did not even charge for the parts.last time I ordered them, I also ordered a spare set since this is a common problem.

If you order from overseas, I would ask them to ship the parts in a standard envelope to save shipping time as they have been putting these small small parts in a much larger box then needed.

oz1cjx wrote:
> Hello
> I just bought an(other) 706mkIIG because it was quite cheap annd came with an AH-4.
> However I discovered that the front plate latch and spring was missing.
> It is MP7 and MP15 on the drawing in the service manual.
>
> Does anybody have a spare or perhaps know of a good place to buy it?
>
> Vy 73 de Lars / OZ1CJX
>
>

# 17897. Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-09 14:16:29 UTC
From: k1uwj
Topic: 17885  Message: 17897

I want to thank everyone for the inputs. for now the problem seems to have gone away...duh!
Mike, I can't fine reference to an autosleep time in the manual, but the term autoSLEEP implies to me that the rig goes into some sort of standby mode. My problem is total power off/on.
I will be back if the problem recurs, thanks again
73
Tom k1uwj

--- In ic706@yahoogroups.com, "D Anderson" <lacydog@...> wrote:
>
> OK -- DC Sply good and voltage ok.
> Now try another DC cord preferably with fuses eliminated.
> Jus remember if fuse looks good it means nothing .. cuz it can ohmeter good
> but be bad/open under current load
> fyi - Dave
> www.tesystems.com
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@...m]On Behalf Of
> k1uwj
> Sent: Wednesday, April 07, 2010 5:12 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
>
>
> Well I thought I had nailed it. Power supply maxed out at 14 volts (at the
> radio). Problem seemed to go away, but it just power cycled itself while
> I's sitting here. But only one time..... Maybe I need to send it to the guy
> in (florida?) problem is he could run it for months without seeing the
> problem.....arghhh!
> TJ
>
> --- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@> wrote:
> >
> > AHA!
> >
> > The 706MKiiG is designed for 13.8 VDC at the radio.
> >
> > If the voltage drops into the 12 volt range funny things happen. I think
> you put your finger on the issue. Keep the voltage at 13.8 at the radio
> under 20 ampere load.
> >
> > Let us know if/when this works out.
> >

> > DD,
> > ----- Original Message -----
> > From: k1uwj
> > To: ic706@yahoogroups.com
> > Sent: Wednesday, April 07, 2010 10:45 AM
> > Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
> >
> >
> >
> > Thanks Dave. I have thoroughly checked out the power cable, even to the
> point of applying power directly inside the xcvr, bypassing the molex plug.
> I also cleaned the gold connectors on the "head"...no change.
> > The last thing I tried was to increase the power supply voltage to 14
> volts from 13v.....currently the unit seems to be working ok... we'll see.
> But like I mentioned in the original post, the problem is not reproducable,
> it comes and goes.
> > 73
> > TJ
> >
> > --- In ic706@yahoogroups.com, "k1uwj" <tom200is@> wrote:
> > >
> > > I'm new to this group, I'm just getting back into radio after many
> years absence. The last rig I had was vacuum tubes before they were called
> boat anchors. I purchased a used 706MKIIG that has developed a power
> problem. I am using it as a base (not mobile). One day I came into the shack
> and the radio was "off' but what sounded like a relay was
> clicking-clicking-clicking. the rig would not power up. I disconnected power
> cord, left it alone for a few days, now the rig powered up but would
> randomly power itself down, then up, down, up down, sometimes it stayed on
> for a couple of minutes, sometimes only a few seconds.
> > > Sent it off to ICOM for repair. They found no problem and blamed my
> power supply. got rig back and worked fine for 6 months. Now the problem is
> back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has
> the same problem on battery power.
> > > BTW, I have not even tried to xmit yet, all this stuff is during RCV
> mode.
> > > I have checked and rechecked the power connections, tightened the
> crimps, took off the cover and checked the internal crimps....no joy.
> > >
> > > Any ideas as to what to do next?
> > > Thanks
> > > K1uwj
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 17898. Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-09 15:26:00 UTC
From: Mike Rodgers
Topic: 17885  Message: 17898

Tom, I forget the correct term but you can set for auto turn off of 30 to 120 minutes of inactivity. It will beep 3 or 4 times and then power off. If I were at home I would find the page #. Mike R

# 17899. Re: [ic706] Re: 706MKIIG power cycles on-off-on-off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-09 18:48:23 UTC
From: Deacon Dave
Topic: 17885  Message: 17899

If you have the manual ... page 51, ^ AUTO OFF (auto power off)

It is set in the Initial Set Mode.

DD
----- Original Message -----
From: k1uwj
To: ic706@yahoogroups.com
Sent: Friday, April 09, 2010 10:16 AM
Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off

I want to thank everyone for the inputs. for now the problem seems to have gone away...duh!
Mike, I can't fine reference to an autosleep time in the manual, but the term autoSLEEP implies to me that the rig goes into some sort of standby mode. My problem is total power off/on.
I will be back if the problem recurs, thanks again
73
Tom k1uwj

--- In ic706@yahoogroups.com, "D Anderson" <lacydog@...> wrote:
>
> OK -- DC Sply good and voltage ok.
> Now try another DC cord preferably with fuses eliminated.
> Jus remember if fuse looks good it means nothing .. cuz it can ohmeter good
> but be bad/open under current load
> fyi - Dave
> www.tesystems.com
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]On Behalf Of
> k1uwj
> Sent: Wednesday, April 07, 2010 5:12 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
>
>
> Well I thought I had nailed it. Power supply maxed out at 14 volts (at the
> radio). Problem seemed to go away, but it just power cycled itself while
> I's sitting here. But only one time..... Maybe I need to send it to the guy
> in (florida?) problem is he could run it for months without seeing the
> problem.....arghhh!
> TJ
>
> --- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@> wrote:
> >

> > AHA!
> >
> > The 706MKiiG is designed for 13.8 VDC at the radio.
> >
> > If the voltage drops into the 12 volt range funny things happen. I think
> you put your finger on the issue. Keep the voltage at 13.8 at the radio
> under 20 ampere load.
> >
> > Let us know if/when this works out.
> >
> > DD,
> > ----- Original Message -----
> > From: k1uwj
> > To: ic706@yahoogroups.com
> > Sent: Wednesday, April 07, 2010 10:45 AM
> > Subject: [ic706] Re: 706MKIIG power cycles on-off-on-off
> >
> >
> >
> > Thanks Dave. I have thoroughly checked out the power cable, even to the
> point of applying power directly inside the xcvr, bypassing the molex plug.
> I also cleaned the gold connectors on the "head"...no change.
> > The last thing I tried was to increase the power supply voltage to 14
> volts from 13v.....currently the unit seems to be working ok... we'll see.
> But like I mentioned in the original post, the problem is not reproducable,
> it comes and goes.
> > 73
> > TJ
> >
> > --- In ic706@yahoogroups.com, "k1uwj" <tom200is@> wrote:
> > >
> > > I'm new to this group, I'm just getting back into radio after many
> years absence. The last rig I had was vacuum tubes before they were called
> boat anchors. I purchased a used 706MKIIG that has developed a power
> problem. I am using it as a base (not mobile). One day I came into the shack
> and the radio was "off' but what sounded like a relay was
> clicking-clicking-clicking. the rig would not power up. I disconnected power
> cord, left it alone for a few days, now the rig powered up but would
> randomly power itself down, then up, down, up down, sometimes it stayed on
> for a couple of minutes, sometimes only a few seconds.
> > > Sent it off to ICOM for repair. They found no problem and blamed my
> power supply. got rig back and worked fine for 6 months. Now the problem is
> back. Power up-down-up-down. The power supply is a 25 amp Lambda, but it has
> the same problem on battery power.
> > > BTW, I have not even tried to xmit yet, all this stuff is during RCV
> mode.
> > > I have checked and rechecked the power connections, tightened the
> crimps, took off the cover and checked the internal crimps....no joy.
> > >
> > > Any ideas as to what to do next?

> > > Thanks
> > > K1uwj
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

[Non-text portions of this message have been removed]

# 17900. distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-11 22:16:02 UTC
From: KG6CZX
Topic: 17900  Message: 17900

I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John

# 17901. Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-13 02:03:18 UTC
From: ft857guy
Topic: 17900  Message: 17901

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In ic706@yahoogroups.com, "KG6CZX" <JOHNQRZ@...> wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John
>

# 17902. Re: [ic706] Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-13 15:24:08 UTC
From: JOHNQRZ@AOL.COM
Topic: 17900  Message: 17902

Thanks Richy for the help I will get a copy of the service manual and start poking around. Also noticed now even when the radio is working the DSP unit is not working at all. I guess just another clue. The rig worked fine all the way to work today but would not work at all yesterday...I wish it would just fail once and for all. Much easer to find the problem that way....Again thanks for your input

In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time, ss409ss@... writes:

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In _ic706@...7_ (mailto:ic706@yahoogroups.com) , "KG6CZX" <JOHNQRZ@...> wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John
>

[Non-text portions of this message have been removed]

# 17903. RE: [ic706] Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-13 20:57:39 UTC
From: Lefczik, Larry D
Topic: 17900  Message: 17903

Be careful what you wish for. This sounds like the same issue my 706 orig had. On FM it started as an occasional rushing noise on received signals. I would have said it was a dirty volume control if they still had a pot in the audio chain. Then the noise became more frequent on FM and louder. Then SSB became unstable and noisy. I was in and out of the 706 looking for the loose connection so much, I could get to the PLL board in two minutes from un-plugging the power.

I kept depressing here, tapping there, cooling this, wiggling that - then - nothing. That was three years ago. I tried for hours to try to get it back on the air. I measured voltages that were way out so figured it must be a PLL problem. I posted here and got zero response. The parts still lay there, waiting for me to sit and try to bring it back to life. About 2 years ago I read on another site that the PLL Board +5V regulator has a tendency to break loose and need reflowing, but I have not had the chance to look at that. Other things in life have taken priority.

So check the Regulator "Transistor" and let us know what happens. I may just blow the dust off the rig and try again if there is hope.

Good Luck,
NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of JOHNQRZ@...
Sent: Tuesday, April 13, 2010 11:24 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: distorted audio and loss of transmit

Thanks Richy for the help I will get a copy of the service manual and start poking around. Also noticed now even when the radio is working the DSP unit is not working at all. I guess just another clue. The rig worked fine all the way to work today but would not work at all yesterday...I wish it would just fail once and for all. Much easer to find the problem that way....Again thanks for your input

In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time, ss409ss@... writes:

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In _ic706@...7_ (mailto:ic706@yahoogroups.com) , "KG6CZX"
<JOHNQRZ@...> wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters
the receive audio sounds like the mike is being held out the window going
90 miles an hour and I also lose transmit. On HF receive just goes away and
no transmit. The problem only happened once in awhile but is getting much
worse. Anybody have any ideas? Thanks John
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 17904. RE: [ic706] Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-14 01:33:12 UTC
From: Dihan Angelo
Topic: 17900  Message: 17904

(To Larry.D.Lefczik@...) huh? since when did the 706 early version had DSP?

--- On Tue, 4/13/10, Lefczik, Larry D <Larry.D.Lefczik@...> wrote:

From: Lefczik, Larry D <Larry.D.Lefczik@...>
Subject: RE: [ic706] Re: distorted audio and loss of transmit
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, April 13, 2010, 1:57 PM

Be careful what you wish for. This sounds like the same issue my 706 orig had. On FM it started as an occasional rushing noise on received signals. I would have said it was a dirty volume control if they still had a pot in the audio chain. Then the noise became more frequent on FM and louder. Then SSB became unstable and noisy. I was in and out of the 706 looking for the loose connection so much, I could get to the PLL board in two minutes from un-plugging the power.

I kept depressing here, tapping there, cooling this, wiggling that - then - nothing. That was three years ago. I tried for hours to try to get it back on the air. I measured voltages that were way out so figured it must be a PLL problem. I posted here and got zero response. The parts still lay there, waiting for me to sit and try to bring it back to life. About 2 years ago I read on another site that the PLL Board +5V regulator has a tendency to break loose and need reflowing, but I have not had the chance to look at that. Other things in life have taken priority.

So check the Regulator "Transistor" and let us know what happens. I may just blow the dust off the rig and try again if there is hope.

Good Luck,
NJ2L

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of JOHNQRZ@AOL. COM
Sent: Tuesday, April 13, 2010 11:24 AM
To: ic706@yahoogroups. com
Subject: Re: [ic706] Re: distorted audio and loss of transmit

Thanks Richy for the help I will get a copy of the service manual and start
poking around. Also noticed now even when the radio is working the DSP
unit is not working at all. I guess just another clue. The rig worked fine all
the way to work today but would not work at all yesterday... I wish it
would just fail once and for all. Much easer to find the problem that
way....Again thanks for your input

In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time,
ss409ss@aol. com writes:

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In _ic706@yahoogroups. ic7_ (mailto:ic706@yahoogroups. com) , "KG6CZX" <JOHNQRZ@... > wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John
>

[Non-text portions of this message have been removed]

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17905. RE: [ic706] Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-14 13:06:31 UTC
From: Lefczik, Larry D
Topic: 17900  Message: 17905

It did not. I don't believe I mentioned DSP. But a PLL is common to 706 design.

If relaying my experience to try to help John was wrong, I apologize.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dihan Angelo
Sent: Tuesday, April 13, 2010 9:33 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] Re: distorted audio and loss of transmit

(To Larry.D.Lefczik@lmco.com) huh? since when did the 706 early version had DSP?

--- On Tue, 4/13/10, Lefczik, Larry D <Larry.D.Lefczik@lmco.com> wrote:

From: Lefczik, Larry D <Larry.D.Lefczik@lmco.com>
Subject: RE: [ic706] Re: distorted audio and loss of transmit
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, April 13, 2010, 1:57 PM

Be careful what you wish for. This sounds like the same issue my 706 orig had. On FM it started as an occasional rushing noise on received signals. I would have said it was a dirty volume control if they still had a pot in the audio chain. Then the noise became more frequent on FM and louder. Then SSB became unstable and noisy. I was in and out of the 706 looking for the loose connection so much, I could get to the PLL board in two minutes from un-plugging the power.

I kept depressing here, tapping there, cooling this, wiggling that - then - nothing. That was three years ago. I tried for hours to try to get it back on the air. I measured voltages that were way out so figured it must be a PLL problem. I posted here and got zero response. The parts still lay there, waiting for me to sit and try to bring it back to life. About 2 years ago I read on another site that the PLL Board +5V regulator has a tendency to break loose and need reflowing, but I have not had the chance to look at that. Other things in life have taken priority.

So check the Regulator "Transistor" and let us know what happens. I may just blow the dust off the rig and try again if there is hope.

Good Luck,
NJ2L

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of JOHNQRZ@AOL. COM
Sent: Tuesday, April 13, 2010 11:24 AM
To: ic706@yahoogroups. com
Subject: Re: [ic706] Re: distorted audio and loss of transmit

Thanks Richy for the help I will get a copy of the service manual and start poking around. Also noticed now even when the radio is working the DSP unit is not working at all. I guess just another clue. The rig worked fine all the way to work today but would not work at all yesterday... I wish it would just fail once and for all. Much easer to find the problem that way....Again thanks for your input

In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time, ss409ss@aol. com writes:

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In _ic706@yahoogroups. ic7_ (mailto:ic706@yahoogroups. com) , "KG6CZX" <JOHNQRZ@... > wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John
>

[Non-text portions of this message have been removed]

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

# 17906. Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-14 19:18:52 UTC
From: jb
Topic: 17900  Message: 17906

No apologies!! That was very pertinant and insightful.

Thanks Larry

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:
>
> It did not. I don't believe I mentioned DSP. But a PLL is common to 706 design.
>
> If relaying my experience to try to help John was wrong, I apologize.
>
> NJ2L
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dihan Angelo
> Sent: Tuesday, April 13, 2010 9:33 PM
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] Re: distorted audio and loss of transmit
>
>
>
> (To Larry.D.Lefczik@...) huh? since when did the 706 early version had DSP?
>
> --- On Tue, 4/13/10, Lefczik, Larry D <Larry.D.Lefczik@...> wrote:
>
>
> From: Lefczik, Larry D <Larry.D.Lefczik@...>
> Subject: RE: [ic706] Re: distorted audio and loss of transmit
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Date: Tuesday, April 13, 2010, 1:57 PM
>
>
> Â
>
>
>
> Be careful what you wish for. This sounds like the same issue my 706 orig had. On FM it started as an occasional rushing noise on received signals. I would have said it was a dirty volume control if they still had a pot in the audio chain. Then the noise became more frequent on FM and louder. Then SSB became unstable and noisy. I was in and out of the 706 looking for the loose connection so much, I could get to the PLL board in two minutes from

un-plugging the power.
>
> I kept depressing here, tapping there, cooling this, wiggling that - then - nothing. That was three years ago. I tried for hours to try to get it back on the air. I measured voltages that were way out so figured it must be a PLL problem. I posted here and got zero response. The parts still lay there, waiting for me to sit and try to bring it back to life. About 2 years ago I read on another site that the PLL Board +5V regulator has a tendency to break loose and need reflowing, but I have not had the chance to look at that. Other things in life have taken priority.
>
> So check the Regulator "Transistor" and let us know what happens. I may just blow the dust off the rig and try again if there is hope.
>
> Good Luck,
> NJ2L
>
> -----Original Message-----
> From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of JOHNQRZ@AOL. COM
> Sent: Tuesday, April 13, 2010 11:24 AM
> To: ic706@yahoogroups. com
> Subject: Re: [ic706] Re: distorted audio and loss of transmit
>
> Thanks Richy for the help I will get a copy of the service manual and start
> poking around. Also noticed now even when the radio is working the DSP
> unit is not working at all. I guess just another clue. The rig worked fine all
> the way to work today but would not work at all yesterday... I wish it
> would just fail once and for all. Much easer to find the problem that
> way....Again thanks for your input
>
>
> In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time,
> ss409ss@aol. com writes:
>
> I recently picked one up (non working) and found the following problem.
> Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits.
> Although my HF was fine, I found every single voltage was off on HF and
> vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO
> circuit voltages back to where they belong. I also found that my PLL
> reference pot needed to be reflowed with an iron. All is good now and I am very
> impressed with the radio as I have never owned a 706 before and I like it
> very much. All it takes is a good digital volt meter to do and is quite easy.
> While you are in there, retighten all of the boards, bend all of the tangs
> up and make sure everything is seated properly. Regards, Richy N2ZD
>
> --- In _ic706@yahoogroups. ic7_ (mailto:ic706@yahoogroups. com) , "KG6CZX"
> <JOHNQRZ@ > wrote:
> >
> > I have a 706MIIG works fine sometimes and then goes nuts. On two meters
> the receive audio sounds like the mike is being held out the window going
> 90 miles an hour and I also lose transmit. On HF receive just goes away and

> no transmit. The problem only happened once in awhile but is getting much
> worse. Anybody have any ideas? Thanks John
> >
>
> [Non-text portions of this message have been removed]
>
> ------------ --------- --------- ------
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 17907. Re: [ic706] Re: distorted audio and loss of transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-14 15:08:33 UTC
From: Larry J. Ford
Topic: 17900  Message: 17907

You didn't mention it.

The fellow to whom you were replying had a reference in the body of his message (which you quoted as a prior message) to the "DSP" not working.

That would imply the unit in question is an IC-706MKII or later.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Lefczik, Larry D
To: ic706@yahoogroups.com
Sent: Wednesday, April 14, 2010 8:06 AM
Subject: RE: [ic706] Re: distorted audio and loss of transmit

It did not. I don't believe I mentioned DSP. But a PLL is common to 706 design.

If relaying my experience to try to help John was wrong, I apologize.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dihan Angelo
Sent: Tuesday, April 13, 2010 9:33 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] Re: distorted audio and loss of transmit

(To Larry.D.Lefczik@...) huh? since when did the 706 early version had DSP?

--- On Tue, 4/13/10, Lefczik, Larry D <Larry.D.Lefczik@...> wrote:

From: Lefczik, Larry D <Larry.D.Lefczik@...>
Subject: RE: [ic706] Re: distorted audio and loss of transmit
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, April 13, 2010, 1:57 PM

Be careful what you wish for. This sounds like the same issue my 706 orig had. On FM it started as an occasional rushing noise on received signals. I would have said it was a dirty volume control if they still had a pot in the audio chain. Then the noise became more frequent on FM and louder. Then SSB became unstable and noisy. I was in and out of the 706 looking for the loose connection so much, I could get to the PLL board in two minutes from un-plugging the power.

I kept depressing here, tapping there, cooling this, wiggling that - then - nothing. That was three years ago. I tried for hours to try to get it back on the air. I measured voltages that were way out so figured it must be a PLL problem. I posted here and got zero response. The parts still lay there, waiting for me to sit and try to bring it back to

life. About 2 years ago I read on another site that the PLL Board +5V regulator has a tendency to break loose and need reflowing, but I have not had the chance to look at that. Other things in life have taken priority.

So check the Regulator "Transistor" and let us know what happens. I may just blow the dust off the rig and try again if there is hope.

Good Luck,
NJ2L

-----Original Message-----
From: ic706@yahoogroups. com [mailto:ic706@yahoogroups. com] On Behalf Of JOHNQRZ@AOL. COM
Sent: Tuesday, April 13, 2010 11:24 AM
To: ic706@yahoogroups. com
Subject: Re: [ic706] Re: distorted audio and loss of transmit

Thanks Richy for the help I will get a copy of the service manual and start poking around. Also noticed now even when the radio is working the DSP unit is not working at all. I guess just another clue. The rig worked fine all the way to work today but would not work at all yesterday... I wish it would just fail once and for all. Much easer to find the problem that way....Again thanks for your input

In a message dated 4/12/2010 7:03:37 P.M. Pacific Daylight Time, ss409ss@aol. com writes:

I recently picked one up (non working) and found the following problem. Distorted 2m/70cm audio. I started by realigning all of the vco/pll circuits. Although my HF was fine, I found every single voltage was off on HF and vhf/uhf. If you are up to the task, begin by adjusting all of the PLL and VCO circuit voltages back to where they belong. I also found that my PLL reference pot needed to be reflowed with an iron. All is good now and I am very impressed with the radio as I have never owned a 706 before and I like it very much. All it takes is a good digital volt meter to do and is quite easy. While you are in there, retighten all of the boards, bend all of the tangs up and make sure everything is seated properly. Regards, Richy N2ZD

--- In _ic706@yahoogroups. ic7_ (mailto:ic706@yahoogroups. com) , "KG6CZX" <JOHNQRZ@... > wrote:
>
> I have a 706MIIG works fine sometimes and then goes nuts. On two meters the receive audio sounds like the mike is being held out the window going 90 miles an hour and I also lose transmit. On HF receive just goes away and no transmit. The problem only happened once in awhile but is getting much worse. Anybody have any ideas? Thanks John
>

[Non-text portions of this message have been removed]

------------ --------- --------- ------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17908. MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-16 13:37:06 UTC
From: BASILIE
Topic: 17908  Message: 17908

If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
e-mail me at n8nqu@...,I am good on QRZ.

# 17909. Org. 706 deaf on 2 meter's

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-17 14:06:11 UTC
From: Gary
Topic: 17909  Message: 17909

Original 706 deaf on 2 meter's why? Can't hear a mi. from my house puts out OK.

Thanks for any help.

# 17910. Re: [ic706] Org. 706 deaf on 2 meter's

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-17 16:03:31 UTC
From: Joe Isabella
Topic: 17909  Message: 17910

There are a couple chip caps that make up the 2m band pass filter that can get knocked off the board by the power connector. Check those first. But when you open the radio, do it carefully -- the part may be loose in there and fall out. That's what happened to mine. When I re-soldered it, I moved it back away from the connector as much as I could. Hasn't been a problem since...

Joe, N3JI

---

From: Gary <gherrm@...>
To: ic706@yahoogroups.com
Sent: Sat, April 17, 2010 9:06:11 AM
Subject: [ic706] Org. 706 deaf on 2 meter's

Original 706 deaf on 2 meter's why? Can't hear a mi. from my house puts out OK.

Thanks for any help.

[Non-text portions of this message have been removed]

# 17911. Re: [ic706] MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-17 18:51:36 UTC
From: "Glenn (KØBO)"
Topic: 17908  Message: 17911

BASILIE wrote:
> If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
> e-mail me at n8nqu@...,I am good on QRZ.
>

Ballpark, how much would a set cost? It would be nice to have a spare set

Thanks and 73! Glenn K0BO

# 17912. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-18 03:19:30 UTC
From: aajham
Topic: 17908  Message: 17912

Me too!

Let us know about what the price would be.

thanks

Art. kf7gd

--- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> BASILIE wrote:
> > If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.........
> > e-mail me at n8nqu@...,I am good on QRZ.
> >
>
> Ballpark, how much would a set cost? It would be nice to have a spare set
>
> Thanks and 73! Glenn K0BO
>

# 17913. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-17 22:04:56 UTC
From: BASILIE
Topic: 17908  Message: 17913

I was able to post pictures in the photo section.The last 10 sets I got I sold them for $175.00 a set (2).It will take me at least 4-6 weeks to get them in the country from Europe.The only way I can get them is 20 in a tube,10 sets.If I try to get less they go up by $40.00 a set.73.....Bill N8NQU

--- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> BASILIE wrote:
> > If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
> > e-mail me at n8nqu@...,I am good on QRZ.
> >
>
> Ballpark, how much would a set cost? It would be nice to have a spare set
>
> Thanks and 73! Glenn K0BO
>

# 17914. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-18 17:32:05 UTC
From: John
Topic: 17908  Message: 17914

You are listing items for a Yaesu ft100 on an Icom 706 group. Are you sure these are for an Icom 706?

--- In ic706@yahoogroups.com, "BASILIE" <n8nqu@...> wrote:
>
> If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
> e-mail me at n8nqu@...,I am good on QRZ.
>

# 17915. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-18 20:53:15 UTC
From: Alan Beagley
Topic: 17908  Message: 17915

Looking back at messages in this group over the years, I see a few questions about the availability of MRF-255 transistors, so I assume that these are the ones used in the 706 series -- at least until two or three years ago, when the MKIIG was redesigned to use Mitsubishi finals.

73

Alan NV8A

On 04/18/10 01:32 pm, John wrote:

> You are listing items for a Yaesu ft100 on an Icom 706 group. Are you sure these are for an Icom 706?

>> If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
>> e-mail me at n8nqu@...,I am good on QRZ.

# 17916. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-18 22:20:43 UTC
From: Glenn Valenta (K0BO)
Topic: 17908  Message: 17916

Ooo I'm going to have to pass. It's a few more bucks then I want to keep sitting in my parts bin.

Thank you though for posting!

BASILIE wrote:
>
> I was able to post pictures in the photo section.The last 10 sets I got I sold them for $175.00 a set (2).It will take me at least 4-6 weeks to get them in the country from Europe.The only way I can get them is 20 in a tube,10 sets.If I try to get less they go up by $40.00 a set.73.....Bill N8NQU
>
> --- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>> BASILIE wrote:
>>> If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.....
>>> e-mail me at n8nqu@...,I am good on QRZ.
>>>
>> Ballpark, how much would a set cost? It would be nice to have a spare set
>>
>> Thanks and 73! Glenn K0BO
>>
>

# 17917. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 02:28:11 UTC
From: BASILIE
Topic: 17908  Message: 17917

Yes they will work on the Icom 706 series,Also they will work on a Alinco dx 70.If I can get them again it will be around $175.00 a set (2).I need at least 10 wants before I can see if I can get them.They quit making them around 2-3 years ago,That's why Icom Stop making the 706 because the could not get them anymore.Thanks Bill N8NQU.73......

--- In ic706@...m, "John" <k6ara@...> wrote:
>
> You are listing items for a Yaesu ft100 on an Icom 706 group. Are you sure these are for an Icom 706?
>
> --- In ic706@yahoogroups.com, "BASILIE" <n8nqu@> wrote:
> >
> > If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.........
> > e-mail me at n8nqu@,I am good on QRZ.
> >
>

# 17918. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 03:12:10 UTC
From: Carlos Quinones
Topic: 17908  Message: 17918

on this web site you can find the transistor
http://www.plccenter.com/buy/MOTOROLA/MRF255?source=AdWords_PN&gclid=CP3EnqTkkaECFZVY2godVUmsNg
they have it for $96.

On Mon, 2010-04-19 at 02:28 +0000, BASILIE wrote:
>
>
>
> Yes they will work on the Icom 706 series,Also they will work on a
> Alinco dx 70.If I can get them again it will be around $175.00 a set
> (2).I need at least 10 wants before I can see if I can get them.They
> quit making them around 2-3 years ago,That's why Icom Stop making the
> 706 because the could not get them anymore.Thanks Bill N8NQU.73......
>
> --- In ic706@yahoogroups.com, "John" <k6ara@...> wrote:
> >
> > You are listing items for a Yaesu ft100 on an Icom 706 group. Are
> you sure these are for an Icom 706?
> >
> > --- In ic706@yahoogroups.com, "BASILIE" <n8nqu@> wrote:
> > >
> > > If anybody is looking for a set please let me know.I just got 10
> sets of them and they where sold in 24 hours.If I get enough people
> wanting them I'll see if I can get some more.I needed a set for my
> Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post
> pictures in the photo section.Thanks Bill N8NQU.73.........
> > > e-mail me at n8nqu@,I am good on QRZ.
> > >
> >
>
>
>
>
>

# 17919. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 12:32:40 UTC
From: Jack
Topic: 17908  Message: 17919

Bill, they are all over the internet and at better prices then you are offering.
This has the feel of a get the money and run.....

----- Original Message -----
From: "BASILIE" <n8nqu@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, April 18, 2010 10:28 PM
Subject: [ic706] Re: MRF-255 Finals,

>
>

# 17920. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 12:56:43 UTC
From: k9fe@comcast.net
Topic: 17908  Message: 17920

Correct me if I am wrong, but I believe Bill stated his price for the pair.  That means 2, but the lower prices on the internet all seem to price them per unit (1).  That being said, his price is in the ball park.

Mike K9FE

----- Original Message -----
From: "Jack" <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Monday, April 19, 2010 7:32:40 AM GMT -06:00 US/Canada Central
Subject: Re: [ic706] Re: MRF-255 Finals,

Bill, they are all over the internet and at better prices then you are
offering.
This has the feel of a get the money and run.....

----- Original Message -----
From: "BASILIE" < n8nqu@... >
To: < ic706@yahoogroups.com >
Sent: Sunday, April 18, 2010 10:28 PM
Subject: [ic706] Re: MRF-255 Finals,

>
>

[Non-text portions of this message have been removed]

# 17921. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 15:18:21 UTC
From: Greg
Topic: 17908  Message: 17921

FWIW Icom America still offers for sale the IC706MkII. I'm sure they are selling new units and not 2-3 year old stock. Let's not get that rumor started again.

--- In ic706@yahoogroups.com, "BASILIE" <n8nqu@...> wrote:
>
>
>
> Yes they will work on the Icom 706 series,Also they will work on a Alinco dx 70.If I can get them again it will be around $175.00 a set (2).I need at least 10 wants before I can see if I can get them.They quit making them around 2-3 years ago,That's why Icom Stop making the 706 because the could not get them anymore.Thanks Bill N8NQU.73......
>
> --- In ic706@yahoogroups.com, "John" <k6ara@> wrote:
> >
> > You are listing items for a Yaesu ft100 on an Icom 706 group. Are you sure these are for an Icom 706?
> >
> > --- In ic706@yahoogroups.com, "BASILIE" <n8nqu@> wrote:
> > >
> > > If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.........
> > > e-mail me at n8nqu@,I am good on QRZ.
> > >
> >
>

# 17922. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 16:31:55 UTC
From: Ross Primrose N4RP
Topic: 17908  Message: 17922

On 4/19/10 11:18 AM, Greg wrote:
>
> FWIW Icom America still offers for sale the IC706MkII. I'm sure they are selling new units and not 2-3 year old stock. Let's not get that rumor started again.
>

I was in Ham Radio Outlet in Woodbridge yesterday, and according to the
salesman (who I know personally) the 706 & 703 are discontinued, and
limited to the stock that's currently in the pipeline....

73, Ross N4RP

--
FCC Section 97.313(a) ?At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.?

# 17923. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 17:31:41 UTC
From: Larry J. Ford
Topic: 17908  Message: 17923

The IC-706MKIIG is a current offering by ICOM, but it uses different finals than the IC-706MKII (does it not?), which is no longer produced.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Greg
To: ic706@yahoogroups.com
Sent: Monday, April 19, 2010 10:18 AM
Subject: [ic706] Re: MRF-255 Finals,

FWIW Icom America still offers for sale the IC706MkII. I'm sure they are selling new units and not 2-3 year old stock. Let's not get that rumor started again.

--- In ic706@yahoogroups.com, "BASILIE" <n8nqu@...> wrote:
>
>
>
> Yes they will work on the Icom 706 series,Also they will work on a Alinco dx 70.If I can get them again it will be around $175.00 a set (2).I need at least 10 wants before I can see if I can get them.They quit making them around 2-3 years ago,That's why Icom Stop making the 706 because the could not get them anymore.Thanks Bill N8NQU.73......
>
> --- In ic706@yahoogroups.com, "John" <k6ara@> wrote:
> >
> > You are listing items for a Yaesu ft100 on an Icom 706 group. Are you sure these are for an Icom 706?
> >
> > --- In ic706@yahoogroups.com, "BASILIE" <n8nqu@> wrote:
> > >
> > > If anybody is looking for a set please let me know.I just got 10 sets of them and they where sold in 24 hours.If I get enough people wanting them I'll see if I can get some more.I needed a set for my Yaesu FT-100.These are the Motorola MRF-255 OEM.I'll try to post pictures in the photo section.Thanks Bill N8NQU.73.........
> > > e-mail me at n8nqu@,I am good on QRZ.
> > >
> >
>

[Non-text portions of this message have been removed]

# 17924. Re: [ic706] Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-19 18:22:47 UTC
From: Alan Beagley
Topic: 17908  Message: 17924

On 04/19/10 01:31 pm, Larry J. Ford wrote:

> The IC-706MKIIG is a current offering by ICOM, but it uses different finals than the IC-706MKII (does it not?), which is no longer produced.

Up until two or three years ago the MkIIG still used the MRF-255 finals; mine -- bought in 2002 -- does. AIUI, when Motorola decided to discontinue the production of the MRF-255, Icom redesigned the rig to use Mitsubishi finals; these are not interchangeable, so the whole PA board is different.

73

Alan NV8A

# 17925. dc on speaker line

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-26 23:37:47 UTC
From: dansupplee
Topic: 17925  Message: 17925

I have 11.5 volts dc on my speaker line. I have disconnected the pll board from the main board and there is no longer dc on the speaker line but there is still dc on the ear phone jack in the front of the radio. I believe this rules out the pll board as the problem. as soon as this happened the green transmit light lit and now it is in transmit mode. any ideas on were the dc could come from would be appreciated. Dan n7nbw

# 17926. Re: MRF-255 Finals,

Yahoo group: ic706 (2010 — 2015)
Date: 2010-04-28 03:32:51 UTC
From: darylynn d
Topic: 17908  Message: 17926

So? I am wondering what else will fit in the slot, and still work with acceptable degradation? I have seen MRF transistors in junked cellsite pasms but did not look at the numbers on them. Some times the metals salvage guys get them. They call me when radio/electronic junk shows up.

--- In ic706@yahoogroups.com, Alan Beagley <ajbeagley@...> wrote:
>
> On 04/19/10 01:31 pm, Larry J. Ford wrote:
>
> > The IC-706MKIIG is a current offering by ICOM, but it uses different finals than the IC-706MKII (does it not?), which is no longer produced.
>
> Up until two or three years ago the MkIIG still used the MRF-255 finals;
> mine -- bought in 2002 -- does. AIUI, when Motorola decided to
> discontinue the production of the MRF-255, Icom redesigned the rig to
> use Mitsubishi finals; these are not interchangeable, so the whole PA
> board is different.
>
> 73
>
> Alan NV8A
>

# 17927. 100w HF Mobile in an LPG fuelled car

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-03 14:13:08 UTC
From: kav246
Topic: 17927  Message: 17927

Hello Group

This is not exactly off topic as it relates to IC-706 (mk11) use but it is related more to the vehicle than the radio. It may also be more specific to the UK due to the vehicle and fuel in question but here goes....

Is any one using an IC-706 100w HF + Smartuner setup in an LPG fueled Range Rover? If so, did you encounter any specific problems with the LPG side,eg RFI (in either direction!) that were different to an average mobile installation?

If you have the RangeRover / 706 / Smartuner setup but running ordinary unleaded petrol did you find any insurmountable problems with the RR's copious electrical systems?

Is anyone running 100w HF, Smartuned or otherwise, in any vehicle with an LPG conversion?

I just have an uneasy feeling about RF and LPG in such close proximity. I don't know why because the tanks are certainly stronger and I'm unlikely to transmit whilst refuelling so it SHOULD be at least as safe as petrol but I just don't know.

I ran this past the Smartuner group first as its the tuner thats making me feel uneasy but have had no response so far.

With the number of 706's in use there's gotta be somebody with something at least vaguely resembling the set up in question.

I await comments with antici......pation!

Regards
Kav

# 17928. Re: 100w HF Mobile in an LPG fuelled car

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-04 05:03:29 UTC
From: darylynn d
Topic: 17927  Message: 17928

I don't think, the fuel will be the problem but the delivery system to the engine/injectors,, their monitors/sensors and computer interface. Seems like Range Rover would be the best source, they must have experience, they use this truck all over the world.

--- In ic706@yahoogroups.com, "kav246" <smartlock.pro@...> wrote:
>
> Hello Group
>
> This is not exactly off topic as it relates to IC-706 (mk11) use but it is related more to the vehicle than the radio. It may also be more specific to the UK due to the vehicle and fuel in question but here goes....
>
> Is any one using an IC-706 100w HF + Smartuner setup in an LPG fueled Range Rover? If so, did you encounter any specific problems with the LPG side,eg RFI (in either direction!) that were different to an average mobile installation?
>
> If you have the RangeRover / 706 / Smartuner setup but running ordinary unleaded petrol did you find any insurmountable problems with the RR's copious electrical systems?
>
> Is anyone running 100w HF, Smartuned or otherwise, in any vehicle with an LPG conversion?
>
> I just have an uneasy feeling about RF and LPG in such close proximity. I don't know why because the tanks are certainly stronger and I'm unlikely to transmit whilst refuelling so it SHOULD be at least as safe as petrol but I just don't know.
>
> I ran this past the Smartuner group first as its the tuner thats making me feel uneasy but have had no response so far.
>
> With the number of 706's in use there's gotta be somebody with something at least vaguely resembling the set up in question.
>
>
> I await comments with antici......pation!
>
>
> Regards
> Kav
>

# 17929. UNSTABLE AM TRANSMITTED AUDIO ON 706IIG - PLEASE HELP ?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-05 20:51:39 UTC
From: simon.worsley
Topic: 17929  Message: 17929

Gents

I am using my 706IIG on 2metres with very low output power (around 2watts if I beleive my power meter - on the lowest power setting on the rig). I am using it to drive a transverter.

When first testing my transmitted AM audio by simply listening on a known good receiver - it sounded off frequency and very nasaly and completely un-workable.

After talking to some locals and some basic research, I concluded it is a matter of adjusting R1080, R1042 and R999 to get it right. It certainly is a matter of adjusting these three settings. The biggest difference is R1080 there is a tiny hairline position of this pot that makes it sound on frequency and loud - R1042 seems to be like a fine tuner of R1080 and R999 simply is AM audio level gain control.

I have spent hours and hours fiddling with these three settings, and can get the transmitted AM audio to sound perfect.

However, here comes the problem.

When I leave the radio for 5mins - it needs re-tuning again. Then its perfect again, and then 5m later needs retuning. And so on. It seems to lose its memory from my tuning of the transmitted AM modulation section in the rig.

I read on mods.dk that unstable AM transmitted audio is a known about bug on the 706IIgs - but I do not know of a fix.

The same thing happens on a variety of Microphones.

Any ideas ?

Kind Regards - Simon G7IVJ

# 17930. Re: [ic706] UNSTABLE AM TRANSMITTED AUDIO ON 706IIG - PLEASE HELP ?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-06 04:29:51 UTC
From: Ron W8RJL
Topic: 17929  Message: 17930

Make sure the power supply voltage is 13.8 VDC.

----- Original Message -----
From: simon.worsley
To: ic706@yahoogroups.com
Sent: Wednesday, May 05, 2010 4:51 PM
Subject: [ic706] UNSTABLE AM TRANSMITTED AUDIO ON 706IIG - PLEASE HELP ?

Gents

I am using my 706IIG on 2metres with very low output power (around 2watts if I beleive my power meter - on the lowest power setting on the rig). I am using it to drive a transverter.

When first testing my transmitted AM audio by simply listening on a known good receiver - it sounded off frequency and very nasaly and completely un-workable.

After talking to some locals and some basic research, I concluded it is a matter of adjusting R1080, R1042 and R999 to get it right. It certainly is a matter of adjusting these three settings. The biggest difference is R1080 there is a tiny hairline position of this pot that makes it sound on frequency and loud - R1042 seems to be like a fine tuner of R1080 and R999 simply is AM audio level gain control.

I have spent hours and hours fiddling with these three settings, and can get the transmitted AM audio to sound perfect.

However, here comes the problem.

When I leave the radio for 5mins - it needs re-tuning again. Then its perfect again, and then 5m later needs retuning. And so on. It seems to lose its memory from my tuning of the transmitted AM modulation section in the rig.

I read on mods.dk that unstable AM transmitted audio is a known about bug on the 706IIgs - but I do not know of a fix.

The same thing happens on a variety of Microphones.

Any ideas ?

Kind Regards - Simon G7IVJ

[Non-text portions of this message have been removed]

# 17931. Re: [ic706] UNSTABLE AM TRANSMITTED AUDIO ON 706IIG - PLEASE HELP ?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-06 22:40:01 UTC
From: Ralph Mowery
Topic: 17929  Message: 17931

I can not help with the audio, but the 706 usually puts out a short spike near full power when first keyed up.  The will hapen on every transmission.  Not too good for most transverters.

----- Original Message ----
From: simon.worsley <simon.worsley@...>
To: ic706@yahoogroups.com
Sent: Wed, May 5, 2010 4:51:39 PM
Subject: [ic706] UNSTABLE AM TRANSMITTED AUDIO ON 706IIG - PLEASE HELP ?

Gents

I am using my 706IIG on 2metres with very low output power (around 2watts if I beleive my power meter - on the lowest power setting on the rig). I am using it to drive a transverter.

# 17932. APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-06 05:14:05 UTC
From: mike k
Topic: 17932  Message: 17932

I've had a 706 for a while and it works fine in the house.
I'm starting to learn a little about APRS and have been looking for some information specific to attaching an APRS encoder / Decoder like the Opentracker + to the 706MKII.
Where can I find information about connecting an Opentracker + or a tinytrak3 to a 706?
Maybe I'm just not using the right terms in Google or in this group forum, but I typically get web sites or forum messages that mention both APRS and 706mmkII separately but not in reference to one another.
Any tips about where to look would be helpful. I've found several great tutorials about APRS too, but none that mention the 706MkII.
Thank you for your ideas

# 17933. needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 17:17:51 UTC
From: Ron K7CDL
Topic: 17933  Message: 17933

i'm trying to find a place that can make me a very long icom 706 power cable with 10 gauge. i'm finding a lot of places with a 8 foot 10 gauge power cable but i'm needing a 20 foot power cable. any ideas of a place that can make me one? i'm not good at making cables and i already missed up my base station power cable i had trying to make a longer one.

73s
K7CDL
Ron

# 17934. needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 17:39:34 UTC
From: Alan Bentley
Topic: 17933  Message: 17934

If you don¹t feel like making one yourself from materials at most DIY stores (Home Depot, Lowe¹s, etc.) try The Wireman. ( http://www.thewireman.com/index.html)

Al - K2RXD

[Non-text portions of this message have been removed]

# 17935. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 17:45:14 UTC
From: Ron K7CDL
Topic: 17933  Message: 17935

its not that i dont want to make my own its just i want it to work after its made lol

K7CDL
Ron

--- On Sat, 5/8/10, Alan Bentley <abent@verizon.net> wrote:

From: Alan Bentley <abent@...>
Subject: [ic706] needing a long power cable
To: ic706@yahoogroups.com
Date: Saturday, May 8, 2010, 10:39 AM

If you don¹t feel like making one yourself from materials at most DIY stores
(Home Depot, Lowe¹s, etc.) try The Wireman. (
http://www.thewirem an.com/index. html)

Al - K2RXD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17936. Re: [ic706] APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 19:34:28 UTC
From: Jeff Moore
Topic: 17932  Message: 17936

Using a 706 as a APRS tracker is a gross waste of radio and that's probably why you're having difficulty finding anyone doing it.

Get a 2m HT or a used 2m mobile and set that up as an APRS tracker. Using an all mode-all band radio this way is dumb - the ONLY reason to do it is if it's all you have and even then . . . . . .

I have a 706 MKII and I have connected a tnc to it and fired up UIView on my computer hooked to it more as an exercise than anything else. I was more interested in using it for straight packet ops on 2m and HF than anything else, but the exercise in doing it is a great test of the connections and seeing how soundcard packet mode works (I used both the tnc and the soundcard interface). I would NEVER install this setup in my car and use it as an APRS tracker.

Get out your manuals and make some cables if you really want to do this.

73,
Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: mike k

I've had a 706 for a while and it works fine in the house.
I'm starting to learn a little about APRS and have been looking for some information specific to attaching an APRS encoder / Decoder like the Opentracker + to the 706MKII.
Where can I find information about connecting an Opentracker + or a tinytrak3 to a 706?
Maybe I'm just not using the right terms in Google or in this group forum, but I typically get web sites or forum messages that mention both APRS and 706mmkII separately but not in reference to one another.
Any tips about where to look would be helpful. I've found several great tutorials about APRS too, but none that mention the 706MkII.
Thank you for your ideas

[Non-text portions of this message have been removed]

# 17937. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 20:09:50 UTC
From: JOHN MACKEY
Topic: 17933  Message: 17937

Use 8 gauge wire to run to the location you need, then connect that to the 10 gauge wire for the 706. For the long run you are proposing, 10 gauge would not be a good idea.

------ Original Message ------
Received: Sat, 08 May 2010 10:21:15 AM PDT
From: "Ron K7CDL" <nakitatrucker@...>
To: ic706@yahoogroups.com
Subject: [ic706] needing a long power cable

> i'm trying to find a place that can make me a very long icom 706 power cable with 10 gauge. i'm finding a lot of places with a 8 foot 10 gauge power cable but i'm needing a 20 foot power cable. any ideas of a place that can make me one? i'm not good at making cables and i already missed up my base station power cable i had trying to make a longer one.
>
> 73s
> K7CDL
> Ron
>
>

# 17938. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 21:06:50 UTC
From: "Glenn (KØBO)"
Topic: 17933  Message: 17938

JOHN MACKEY wrote:
> Use 8 gauge wire to run to the location you need, then connect that to the 10
> gauge wire for the 706. For the long run you are proposing, 10 gauge would
> not be a good idea.
>

I've used cheap asian jumper cables purchased at an auto supply store. Exactly
20ft long

# 17939. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 22:51:20 UTC
From: JOHN MACKEY
Topic: 17933  Message: 17939

In my vehicle I ran 6 gauge wire from my spare battery to DC fuse block in the back of my Explorer. The I powered all radios from that location, including the remote mounted IC-706.

------ Original Message ------
Received: Sat, 08 May 2010 02:07:22 PM PDT
From: "Glenn (KØBO)" <yahoo@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] needing a long power cable

> JOHN MACKEY wrote:
> > Use 8 gauge wire to run to the location you need, then connect that to the 10
> > gauge wire for the 706. For the long run you are proposing, 10 gauge would
> > not be a good idea.
> >
>
> I've used cheap asian jumper cables purchased at an auto supply store. Exactly
> 20ft long
>
>

# 17940. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 18:06:25 UTC
From: Larry J. Ford
Topic: 17933  Message: 17940

I'm not capable of doing the calculations or doing the analysis myself (well, probably could if I could devote the time to it), but should you be concerned about a voltage drop in a power cable run of 20 feet?

A friend of mine with a Ten-Tec rig was experiencing random and curious problems with audio dropping out, signal fades, and the like on transmit. Having the rig thoroughly bench-checked by Ten-Tec with no issues found, the solution posed by Ten-Tec tech support was to "shorten" the power cable. Apparently, his was long enough to be causing voltage drops and was playing havoc with the rig's microprocessor, etc., on transmit.

Don't know if the 706 is similarly sensitive, but it might be an issue if using a power cable significantly longer than what ICOM specs for use with the rig.

A bigger gauge wire should help, but, again, "running the numbers" might avoid a problem.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Ron K7CDL
To: ic706@yahoogroups.com
Sent: Saturday, May 08, 2010 1:17 PM
Subject: [ic706] needing a long power cable

i'm trying to find a place that can make me a very long icom 706 power cable with 10 gauge. i'm finding a lot of places with a 8 foot 10 gauge power cable but i'm needing a 20 foot power cable. any ideas of a place that can make me one? i'm not good at making cables and i already missed up my base station power cable i had trying to make a longer one.

73s
K7CDL
Ron

[Non-text portions of this message have been removed]

# 17941. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-08 22:55:11 UTC
From: Larry J. Ford
Topic: 17933  Message: 17941

What kind of voltage drop can be expected over a run that long?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Glenn (KØBO)
To: ic706@yahoogroups.com
Sent: Saturday, May 08, 2010 5:06 PM
Subject: Re: [ic706] needing a long power cable

JOHN MACKEY wrote:
> Use 8 gauge wire to run to the location you need, then connect that to the 10
> gauge wire for the 706. For the long run you are proposing, 10 gauge would
> not be a good idea.
>

I've used cheap asian jumper cables purchased at an auto supply store. Exactly
20ft long

[Non-text portions of this message have been removed]

# 17942. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 01:32:12 UTC
From: Ralph Mowery
Topic: 17933  Message: 17942

I did not do the calculations but used a graph I have so the numbers will be slightly off. The numbers are for 10 amps so if the rig draws 20 amps you can double the voltage drop.
Number 8 wire has a drop of 7 milivlots per foot.
Number 10 drops 11 mv/ft
Number 12 drops 15 mv/ft

So for 20 feet long wires (that is 40 feet total wire, one for the positive and one for the negative)  you drop .28, .44 or .60 volt at 10 amps and double that at 20 amps.

There will be some other drops for the fuses and connectors to add to this.

----- Original Message ----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Sat, May 8, 2010 6:55:11 PM
Subject: Re: [ic706] needing a long power cable

What kind of voltage drop can be expected over a run that long?

Larry J. Ford
KG4GPJ

# 17943. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 03:57:11 UTC
From: David McAnally
Topic: 17933  Message: 17943

There is a wire reference table at http://www.powerstream.com/Wire_Size.htm
Probably a good idea to pay attention to maximum amp/power capacity of
wiring, as well as voltage drop. Make sure to fuse properly. Over designed
may be better than under designed.

Regards,
David McAnally
WD5M

On Sat, May 8, 2010 at 8:32 PM, Ralph Mowery <ku4pt@...> wrote:

> I did not do the calculations but used a graph I have so the numbers will
> be slightly off. The numbers are for 10 amps so if the rig draws 20 amps
> you can double the voltage drop.
> Number 8 wire has a drop of 7 milivlots per foot.
> Number 10 drops 11 mv/ft
> Number 12 drops 15 mv/ft
>
> So for 20 feet long wires (that is 40 feet total wire, one for the positive
> and one for the negative) you drop .28, .44 or .60 volt at 10 amps and
> double that at 20 amps.
>
> There will be some other drops for the fuses and connectors to add to this.
>
>
>
> ----- Original Message ----
> From: Larry J. Ford <lford@...>
> To: ic706@yahoogroups.com
> Sent: Sat, May 8, 2010 6:55:11 PM
> Subject: Re: [ic706] needing a long power cable
>
> What kind of voltage drop can be expected over a run that long?
>
> Larry J. Ford
> KG4GPJ
>
>

[Non-text portions of this message have been removed]

# 17944. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 01:31:55 UTC
From: David W. Barrow III
Topic: 17933  Message: 17944

Ron,

Tower Electronics has VERY good deals on all kinds of ham "findings".
http://www.pl-259.com/

GREAT folks to deal with!

_____
David W. Barrow III
Amateur Radio Station N9UNR
Ozaukee County, WI
DavidBarrow@...

On May 8, 2010, at 12:17 PM, Ron K7CDL wrote:

i'm trying to find a place that can make me a very long icom 706 power cable with 10 gauge. i'm finding a lot of places with a 8 foot 10 gauge power cable but i'm needing a 20 foot power cable. any ideas of a place that can make me one? i'm not good at making cables and i already missed up my base station power cable i had trying to make a longer one.

73s
K7CDL
Ron

---

Yahoo! Groups Links

# 17945. Re:needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 10:26:45 UTC
From: John Levo
Topic: 17933  Message: 17945

A second to the suggestion about Tower Electronics. But if you or friends are coming to Dayton next weekend, you will find whatever you need there because it will be there somewhere. Finding it will be the challenge tho.
WA8KIW

[Non-text portions of this message have been removed]

# 17946. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 15:35:59 UTC
From: tj
Topic: 17933  Message: 17946

Beware Tower Electronics for HF DC power connectors. I bought one from them at the Shelby Hamfest and it did not have the right female pins. I'll explain.
The connectors used by Icom/Yaesu/Kenwood for the six pin HF power connector (even though they only use four of the six) are made by JTC, Japanese Terminal Company, not Molex, AMP, etc. The inside diameter of the female metal connector pins, and outside diameter of the male pins on the radio, is ~.082". Molex pins are .092. If you took the female alone, no housing, and place it over the male in the radio it has a lot of wobble as it does not make contact on the entire length of the pin, but only on the lower flared shoulder. This of course greatly lowers the contact surface area and the current handling .

When I mentioned this to the guy from Tower he blew me off as "not knowing what I was talking about." I have a EE degree and worked for years in PLC and TV design where I spec'ed connectors. I found that Cedar City sales and Buxcomm had the right ones. But, JTC parts are hard to come by in the US and Molex is cheaper here.

I bring this up because I know in the past others have used Molex and experienced "power issues." Some reported taking a Dremel cut off tool and cutting a relief slot the length of the female and squeezing the female to the smaller diameter fixing there problems.

Another note, make sure you split the positive and negative wires between two pins like the factory cable, The JTC pins are rated at ~11 amps, so paralleling each gets the ~20 amp rating for the HF rig.

You can approximate voltage drop vs. length by going to the ARRL Handbook, or another online source, and using the wire chart to see the resistance per foot of the wire and use ohms law to calculate voltage drop at operating current. Remember, 20A fuse will not blow if the wire is overheating a 16A, melting its insulation and causing a fire.

Jeff
wd4nmq

David W. Barrow III wrote:
>
> Ron,
>
> Tower Electronics has VERY good deals on all kinds of ham "findings".
> http://www.pl-259.com/ <http://www.pl-259.com/>
>
> GREAT folks to deal with!
> _____

> David W. Barrow III
> Amateur Radio Station N9UNR
> Ozaukee County, WI
> DavidBarrow@... <mailto:DavidBarrow%40wi.rr.com>
>
> On May 8, 2010, at 12:17 PM, Ron K7CDL wrote:
>
> i'm trying to find a place that can make me a very long icom 706 power
> cable with 10 gauge. i'm finding a lot of places with a 8 foot 10
> gauge power cable but i'm needing a 20 foot power cable. any ideas of
> a place that can make me one? i'm not good at making cables and i
> already missed up my base station power cable i had trying to make a
> longer one.
>
> 73s
> K7CDL
> Ron
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

# 17947. Re: [ic706] needing a long power cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 15:46:48 UTC
From: JV
Topic: 17933  Message: 17947

Radio Shack has the same problem. Same stock number may have different dia pins. Found this out when I made up a bunch of external fans.
JV

-------Original Message-------

From: tj
Date: 5/9/2010 11:33:43 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] needing a long power cable

Beware Tower Electronics for HF DC power connectors. I bought one from them at the Shelby Hamfest and it did not have the right female pins. I'll explain.
The connectors used by Icom/Yaesu/Kenwood for the six pin HF power connector (even though they only use four of the six) are made by JTC, Japanese Terminal Company, not Molex, AMP, etc. The inside diameter of the female metal connector pins, and outside diameter of the male pins on the radio, is ~.082". Molex pins are .092. If you took the female alone, no housing, and place it over the male in the radio it has a lot of wobble as it does not make contact on the entire length of the pin, but only on the lower flared shoulder. This of course greatly lowers the contact surface area and the current handling .

When I mentioned this to the guy from Tower he blew me off as "not knowing what I was talking about." I have a EE degree and worked for years in PLC and TV design where I spec'ed connectors. I found that Cedar City sales and Buxcomm had the right ones. But, JTC parts are hard to come by in the US and Molex is cheaper here.

I bring this up because I know in the past others have used Molex and experienced "power issues." Some reported taking a Dremel cut off tool and cutting a relief slot the length of the female and squeezing the female to the smaller diameter fixing there problems.

Another note, make sure you split the positive and negative wires between two pins like the factory cable, The JTC pins are rated at ~11 amps, so paralleling each gets the ~20 amp rating for the HF rig.

You can approximate voltage drop vs. length by going to the ARRL Handbook, or another online source, and using the wire chart to see the resistance per foot of the wire and use ohms law to calculate voltage drop at operating current. Remember, 20A fuse will not blow if the wire is overheating a 16A, melting its insulation and causing a fire.

Jeff
wd4nmq

[Non-text portions of this message have been removed]

# 17948. Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 21:26:14 UTC
From: nb7o
Topic: 17932  Message: 17948

I have a friend who lives and travels in a Motorhome. He has an ICOM 706IIG installed in it. Due to a variety of reasons he cannot use the HF while mobile. Therefore he uses the VHF side to xmit his APRS beacon. Since it is the G model he is able to use the 6 pin data port. He uses a Tiny Tracker 3plus. Since the 706 and 706II do not have the data port you will have to use the mic jack if you want to use the radio.

The tiny tracker 3plus is an encode only device and the manufacturer/seller, Byon, is great to work with. If you want to encode and decode I would suggest looking at the tiny tracker IV or I prefer the OT2m made by ArgentData. Scott is as good to work with as Byon. I strongly recommend both companies for APRS equipment.

If you look up my stations with the link below you can see both pieces of hardware put to use. NB7O is a TT3+. NB7O-11 is an OT2m. NB7O-12 is a digi that uses the T2-135 board from Argentdata and is installed in an Alinco DR-135. NB70-13 is a laptop that runs UIView and is used for ARES portable work.

You can track us at:

http://tinyurl.com/coq266

Kevin

73 de kevin/NB7O
--- In ic706@yahoogroups.com, "mike k" <ke7fix@...> wrote:
>
> I've had a 706 for a while and it works fine in the house.
> I'm starting to learn a little about APRS and have been looking for some information specific to attaching an APRS encoder / Decoder like the Opentracker + to the 706MKII.
> Where can I find information about connecting an Opentracker + or a tinytrak3 to a 706? Maybe I'm just not using the right terms in Google or in this group forum, but I typically get web sites or forum messages that mention both APRS and 706mmkII separately but not in reference to one another.
> Any tips about where to look would be helpful. I've found several great tutorials about APRS too, but none that mention the 706MkII.
> Thank you for your ideas
>

# 17949. Re: [ic706] Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 21:43:39 UTC
From: Jack
Topic: 17932  Message: 17949

the same company that makes the TT3 Byonics makes the Microtrack series as well I have the MT-8000FA and love it, The RTG I have heard great things on it and the combo is $190. complete

then you do not need to tie up your HF or other voice radio!

as for not using HF while mobile well that is a personal choice as it can be and is done every day I have a 706MIIG in my suburban with a screwdriver antenna and a yaesu ft-2820 with DStar it works great.

N6UYB
Jack E. Foster
----- Original Message -----
From: "nb7o" <khedgepe@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, May 09, 2010 5:26 PM
Subject: [ic706] Re: APRS and the 706MKII anyone?

> 
> I have a friend who lives and travels in a Motorhome. He has an ICOM
> 706IIG installed in it. Due to a variety of reasons he cannot use the HF
> while mobile. Therefore he uses the VHF side to xmit his APRS beacon.
> Since it is the G model he is able to use the 6 pin data port. He uses a
> Tiny Tracker 3plus. Since the 706 and 706II do not have the data port you
> will have to use the mic jack if you want to use the radio.
> 
> The tiny tracker 3plus is an encode only device and the
> manufacturer/seller, Byon, is great to work with. If you want to encode
> and decode I would suggest looking at the tiny tracker IV or I prefer the
> OT2m made by ArgentData. Scott is as good to work with as Byon. I
> strongly recommend both companies for APRS equipment.
> 
> If you look up my stations with the link below you can see both pieces of
> hardware put to use. NB7O is a TT3+. NB7O-11 is an OT2m. NB7O-12 is a
> digi that uses the T2-135 board from Argentdata and is installed in an
> Alinco DR-135. NB70-13 is a laptop that runs UIView and is used for ARES
> portable work.
> 
> 
> You can track us at:
> 
> http://tinyurl.com/coq266
> 
> Kevin
> 
> 

>
> 73 de kevin/NB7O
> --- In ic706@yahoogroups.com, "mike k" <ke7fix@...> wrote:
>>
>> I've had a 706 for a while and it works fine in the house.
>> I'm starting to learn a little about APRS and have been looking for some
>> information specific to attaching an APRS encoder / Decoder like the
>> Opentracker + to the 706MKII.
>> Where can I find information about connecting an Opentracker + or a
>> tinytrak3 to a 706? Maybe I'm just not using the right terms in Google
>> or in this group forum, but I typically get web sites or forum messages
>> that mention both APRS and 706mmkII separately but not in reference to
>> one another.
>> Any tips about where to look would be helpful. I've found several great
>> tutorials about APRS too, but none that mention the 706MkII.
>> Thank you for your ideas
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 17950. Re: [ic706] Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 23:00:21 UTC
From: Teton Amateur Radio Repeater Association
Topic: 17932  Message: 17950

"a yaesu ft-2820 with DStar it works great. " I didn't even know that Yaesu was making any DStar or a FT-2820. ;-)

Mick - W7CAT

----- Original Message -----
From: Jack
To:
Sent: Sunday, May 09, 2010 03:43:39 PM
Subject: Re: [ic706] Re: APRS and the 706MKII anyone?

> the same company that makes the TT3 Byonics makes the Microtrack series as
> well I have the MT-8000FA and love it, The RTG I have heard great things on
> it and the combo is $190. complete
>
> then you do not need to tie up your HF or other voice radio!
>
> as for not using HF while mobile well that is a personal choice as it can be
> and is done every day I have a 706MIIG in my suburban with a screwdriver
> antenna and a yaesu ft-2820 with DStar it works great.
>
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "nb7o"
> To:
> Sent: Sunday, May 09, 2010 5:26 PM
> Subject: [ic706] Re: APRS and the 706MKII anyone?
>
>
> >
> > I have a friend who lives and travels in a Motorhome. He has an ICOM
> > 706IIG installed in it. Due to a variety of reasons he cannot use the HF
> > while mobile. Therefore he uses the VHF side to xmit his APRS beacon.
> > Since it is the G model he is able to use the 6 pin data port. He uses a
> > Tiny Tracker 3plus. Since the 706 and 706II do not have the data port you
> > will have to use the mic jack if you want to use the radio.
> >
> > The tiny tracker 3plus is an encode only device and the

> > manufacturer/seller, Byon, is great to work with. If you want to
encode
> > and decode I would suggest looking at the tiny tracker IV or I
prefer the
> > OT2m made by ArgentData. Scott is as good to work with as Byon. I
> > strongly recommend both companies for APRS equipment.
> >
> > If you look up my stations with the link below you can see both
pieces of
> > hardware put to use. NB7O is a TT3+. NB7O-11 is an OT2m. NB7O-12 is a
> > digi that uses the T2-135 board from Argentdata and is installed in an
> > Alinco DR-135. NB70-13 is a laptop that runs UIView and is used for
ARES
> > portable work.
> >
> >
> > You can track us at:
> >
> > http://tinyurl.com/coq266
> >
> > Kevin
> >
> >
> >
> > 73 de kevin/NB7O
> > --- In ic706@yahoogroups.com, "mike k" wrote:
> >>
> >> I've had a 706 for a while and it works fine in the house.
> >> I'm starting to learn a little about APRS and have been looking
for some
> >> information specific to attaching an APRS encoder / Decoder like the
> >> Opentracker + to the 706MKII.
> >> Where can I find information about connecting an Opentracker + or a
> >> tinytrak3 to a 706? Maybe I'm just not using the right terms in
Google
> >> or in this group forum, but I typically get web sites or forum
messages
> >> that mention both APRS and 706mmkII separately but not in
reference to
> >> one another.
> >> Any tips about where to look would be helpful. I've found several
great
> >> tutorials about APRS too, but none that mention the 706MkII.
> >> Thank you for your ideas
> >>
> >
> >
> >
> >
> > ------------------------------------

> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
Be sure to check out all the latest at http://www.wyocat.com/tarra

[Non-text portions of this message have been removed]

# 17951. Re: [ic706] Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 23:46:34 UTC
From: Jack
Topic: 17932  Message: 17951

your right LOL IC 2820

Jack E. Foster
----- Original Message -----
From: "Teton Amateur Radio Repeater Association" <tarra@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, May 09, 2010 7:00 PM
Subject: Re: [ic706] Re: APRS and the 706MKII anyone?

> "a yaesu ft-2820 with DStar it works great. " I didn't even know that
> Yaesu was making any DStar or a FT-2820. ;-)
>
> Mick - W7CAT
>
> ----- Original Message -----
> From: Jack
> To:
> Sent: Sunday, May 09, 2010 03:43:39 PM
> Subject: Re: [ic706] Re: APRS and the 706MKII anyone?
>
> > the same company that makes the TT3 Byonics makes the Microtrack
> series as
> > well I have the MT-8000FA and love it, The RTG I have heard great
> things on
> > it and the combo is $190. complete
> > >
> > then you do not need to tie up your HF or other voice radio!
> > >
> > as for not using HF while mobile well that is a personal choice as it
> can be
> > and is done every day I have a 706MIIG in my suburban with a screwdriver
> > antenna and a yaesu ft-2820 with DStar it works great.
> > >
> > >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "nb7o"
> > To:
> > Sent: Sunday, May 09, 2010 5:26 PM
> > Subject: [ic706] Re: APRS and the 706MKII anyone?
> > >
> > >
> > > >
> > > I have a friend who lives and travels in a Motorhome. He has an ICOM

> > > 706IIG installed in it. Due to a variety of reasons he cannot use
> the HF
> > > while mobile. Therefore he uses the VHF side to xmit his APRS beacon.
> > > Since it is the G model he is able to use the 6 pin data port. He
> uses a
> > > Tiny Tracker 3plus. Since the 706 and 706II do not have the data
> port you
> > > will have to use the mic jack if you want to use the radio.
> > >
> > > The tiny tracker 3plus is an encode only device and the
> > > manufacturer/seller, Byon, is great to work with. If you want to
> encode
> > > and decode I would suggest looking at the tiny tracker IV or I
> prefer the
> > > OT2m made by ArgentData. Scott is as good to work with as Byon. I
> > > strongly recommend both companies for APRS equipment.
> > >
> > > If you look up my stations with the link below you can see both
> pieces of
> > > hardware put to use. NB7O is a TT3+. NB7O-11 is an OT2m. NB7O-12 is a
> > > digi that uses the T2-135 board from Argentdata and is installed in an
> > > Alinco DR-135. NB70-13 is a laptop that runs UIView and is used for
> ARES
> > > portable work.
> > >
> > >
> > > You can track us at:
> > >
> > > http://tinyurl.com/coq266
> > >
> > > Kevin
> > >
> > >
> > >
> > > 73 de kevin/NB7O
> > > --- In ic706@yahoogroups.com, "mike k" wrote:
> > >>
> > >> I've had a 706 for a while and it works fine in the house.
> > >> I'm starting to learn a little about APRS and have been looking
> for some
> > >> information specific to attaching an APRS encoder / Decoder like the
> > >> Opentracker + to the 706MKII.
> > >> Where can I find information about connecting an Opentracker + or a
> > >> tinytrak3 to a 706? Maybe I'm just not using the right terms in
> Google
> > >> or in this group forum, but I typically get web sites or forum
> messages
> > >> that mention both APRS and 706mmkII separately but not in
> reference to
> > >> one another.

> > >> Any tips about where to look would be helpful. I've found several
> great
> > >> tutorials about APRS too, but none that mention the 706MkII.
> > >> Thank you for your ideas
> > >>
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
> --
> Be sure to check out all the latest at http://www.wyocat.com/tarra
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 17952. IC-706MKIIG Filters

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-09 21:14:11 UTC
From: JV
Topic: 17952  Message: 17952

Wanted: FL-223 1.9 kHz filter.

Trade: FL-100 500 kHz for FL-101 250 kHz filter.

JV jv@...

[Non-text portions of this message have been removed]

# 17953. Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-10 18:45:15 UTC
From: kav246
Topic: 17932  Message: 17953

Since it is the G model he is able to use the 6 pin data port. He uses a Tiny Tracker 3plus. Since the 706 and 706II do not have the data port you will have to use the mic jack if you want to use the radio.

Hello

I thought all the I/O's of the mk11 G's data port (and indeed 7 more)were available on the mk1/11's 13 pin Accs port.

I've certainly injected data modes through it and used it to give the "tune button" function with an SGC tuner.

I confess though I have not tried to utilize it for APRS so I could be wrong.

Kav

# 17954. Re: [ic706] Re: APRS and the 706MKII anyone?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-10 21:37:09 UTC
From: Jeff Moore
Topic: 17932  Message: 17954

YOU can use the mic jack, I use the dataport on the back of my 706 MKII

Jeff -- KE7ACY

----- Original Message ----- From: kav246

Since it is the G model he is able to use the 6 pin data port. He uses a Tiny Tracker 3plus. Since the 706 and 706II do not have the data port you will have to use the mic jack if you want to use the radio.

Hello

I thought all the I/O's of the mk11 G's data port (and indeed 7 more)were available on the mk1/11's 13 pin Accs port.

I've certainly injected data modes through it and used it to give the "tune button" function with an SGC tuner.

I confess though I have not tried to utilize it for APRS so I could be wrong.

Kav

[Non-text portions of this message have been removed]

# 17955. recipient is deceased

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-13 20:26:59 UTC
From: Tim Smith
Topic: 17955  Message: 17955

-------- Original Message --------
Subject: [ic706] Digest Number 2914
Date: 11 May 2010 07:58:42 -0000
From: ic706@yahoogroups.com
Reply-To: No Reply<notify-dg-ic706@yahoogroups.com>
To: ic706@yahoogroups.com

iCOM 706 User Forum
<http://groups.yahoo.com/group/ic706;_ylc=X3oDMTJkYjRpNG1wBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNoZHIEc2xrA2hwaARzdGltZQMxMjczNTY0NzIy>

Messages In This Digest (2 Messages)

1a.
Re: APRS and the 706MKII anyone? <#1a> From: kav246
1b.
Re: APRS and the 706MKII anyone? <#1b> From: Jeff Moore

View All Topics
<http://groups.yahoo.com/group/ic706/messages;_ylc=X3oDMTJmZ2pkbHJsBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNkbXNnBHNsawNhdHBjBHN0aW1lAzEyNzM1NjQ3MjI-?xm=1&m=p&tidx=1>
| Create New Topic
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJmNG5mbWtuBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNkbXNnBHNsawNudHBjBHN0aW1lAzEyNzM1NjQ3MjI->

Messages

1a.

Re: APRS and the 706MKII anyone?
<http://groups.yahoo.com/group/ic706/message/17953;_ylc=X3oDMTJyZHVybm8yBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTUzBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEyNzM1NjQ3MjI->

Posted by: "kav246" smartlock.pro@...
<mailto:smartlock.pro@...?Subject=%20Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
kav246 <http://profiles.yahoo.com/kav246>

Mon May 10, 2010 11:45 am (PDT)

Since it is the G model he is able to use the 6 pin data port. He
uses a Tiny Tracker 3plus. Since the 706 and 706II do not have the
data port you will have to use the mic jack if you want to use the
radio.

Hello

I thought all the I/O's of the mk11 G's data port (and indeed 7
more)were available on the mk1/11's 13 pin Accs port.

I've certainly injected data modes through it and used it to give
the "tune button" function with an SGC tuner.

I confess though I have not tried to utilize it for APRS so I could
be wrong.

Kav

Back to top <#toc>
Reply to sender
<mailto:smartlock.pro@...?Subject=Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
| Reply to group
<mailto:ic706@yahoogroups.com?Subject=%20Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
| Reply via web post
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJyc2xqZ3FqBF9TAzk3MzU5NzE1BGdycElkAzE
wMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTUzBHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzEyNzM1N
jQ3MjI-?act=reply&messageNum=17953>

Messages in this topic
<http://groups.yahoo.com/group/ic706/message/17932;_ylc=X3oDMTM3bDducDVxBF9TAzk3MzU5NzE1BG
dycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTUzBHNlYwNkbXNnBHNsawN2dHBjBHN0aW1l
AzEyNzM1NjQ3MjIEdHBjSWQDMTc5MzI->
(8)
1b.

Re: APRS and the 706MKII anyone?
<http://groups.yahoo.com/group/ic706/message/17954;_ylc=X3oDMTJycjc3bHMyBF9TAzk3MzU5NzE1BG
dycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTU0BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1l
AzEyNzM1NjQ3MjI->

Posted by: "Jeff Moore" tnetcenter@...
<mailto:tnetcenter@...?Subject=%20Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
tnetcenter <http://profiles.yahoo.com/tnetcenter>

Mon May 10, 2010 2:37 pm (PDT)

YOU can use the mic jack, I use the dataport on the back of my 706 MKII

Jeff -- KE7ACY

----- Original Message ----- From: kav246

Since it is the G model he is able to use the 6 pin data port. He
uses a Tiny Tracker 3plus. Since the 706 and 706II do not have the
data port you will have to use the mic jack if you want to use the
radio.

Hello

I thought all the I/O's of the mk11 G's data port (and indeed 7
more)were available on the mk1/11's 13 pin Accs port.

I've certainly injected data modes through it and used it to give
the "tune button" function with an SGC tuner.

I confess though I have not tried to utilize it for APRS so I could
be wrong.

Kav

[Non-text portions of this message have been removed]

Back to top <#toc>
Reply to sender
<mailto:tnetcenter@...?Subject=Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
| Reply to group
<mailto:ic706@yahoogroups.com?Subject=%20Re%3A%20APRS%20and%20the%20706MKII%20anyone%3F>
| Reply via web post
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJyZzhzY2JiBF9TAzk3MzU5NzE1BGdycElkAzE
wMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTU0BHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzEyNzM1N
jQ3MjI-?act=reply&messageNum=17954>

Messages in this topic
<http://groups.yahoo.com/group/ic706/message/17932;_ylc=X3oDMTM3aDZhZ3I2BF9TAzk3MzU5NzE1BG
dycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE3OTU0BHNlYwNkbXNnBHNsawN2dHBjBHN0aW1l
AzEyNzM1NjQ3MjIEdHBjSWQDMTc5MzI->
(8)

Recent Activity

*
5
New Members
<http://groups.yahoo.com/group/ic706/members;_ylc=X3oDMTJmb3ZuZTVnBF9TAzk3MzU5NzE1BGdycElk
AzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzEyNzM1NjQ3MjI-?o=6>

Visit Your Group
<http://groups.yahoo.com/group/ic706;_ylc=X3oDMTJlZXRmbTlpBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0
NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI3MzU2NDcyMg-->

Stay on top

of your group

activity with

Yahoo! Toolbar
<http://us.ard.yahoo.com/SIG=15ldglhvv/M=493064.14125818.14044277.8674578/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=MbCeMWKJiVM-/J=12
73564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=6083913/R=0/SIG=11flbnfil/*http://us.toolbar.yah
oo.com/?.dl=1&.cpdl=grpj>

Biz Resources

Y! Small Business
<http://us.ard.yahoo.com/SIG=15lbjt8q7/M=493064.12016255.12445662.8674578/D=groups/S=17050
63108:NC/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=MrCeMWKJiVM-/J=12

73564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=4025321/R=0/SIG=12a352npd/*http://us.rd.yahoo.com/evt=44092/*http://smallbusiness.yahoo.com/r-index>

Articles, tools,

forms, and more.

Y! Groups blog

the best source
<http://us.ard.yahoo.com/SIG=15lsfh45p/M=493064.12016258.12582637.8674578/D=groups/S=1705063108:NC/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=M7CeMWKJiVM-/J=1273564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=5191955/R=0/SIG=112mhte3e/*http://www.ygroupsblog.com/blog/>

for the latest

scoop on Groups.

Need to Reply?

Click one of the "Reply" links to respond to a specific message in the
Daily Digest.

Create New Topic
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJlcTdjazNrBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI3MzU2NDcyMg-->
| Visit Your Group on the Web
<http://groups.yahoo.com/group/ic706;_ylc=X3oDMTJjcGg2M2NmBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwBHN0aW1lAzEyNzM1NjQ3MjI->

Messages
<http://groups.yahoo.com/group/ic706/messages;_ylc=X3oDMTJlNWw5OXNoBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA21zZ3MEc3RpbWUDMTI3MzU2NDcyMg-->
| Files
<http://groups.yahoo.com/group/ic706/files;_ylc=X3oDMTJmMTlhMTFnBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2ZpbGVzBHN0aW1lAzEyNzM1NjQ3MjI->
| Photos
<http://groups.yahoo.com/group/ic706/photos;_ylc=X3oDMTJlMm9tbnIwBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3Bob3QEc3RpbWUDMTI3MzU2NDcyMg-->
| Links
<http://groups.yahoo.com/group/ic706/links;_ylc=X3oDMTJmNjN0aWFqBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2xpbmtzBHN0aW1lAzEyNzM1NjQ3MjI->

MARKETPLACE

Stay on top of your group activity without leaving the page you're on -
Get the Yahoo! Toolbar now.
<http://us.ard.yahoo.com/SIG=15ojikjd3/M=493064.13983314.14041046.13298430/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=LrCeMWKJiVM-/J=1273564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=6060255/R=0/SIG=1194m4keh/*http://us.toolbar.yahoo.com/?.cpdl=grpj>

---

Get great advice about dogs and cats. Visit the Dog & Cat Answers
Center.
<http://us.ard.yahoo.com/SIG=15o9n8qjq/M=493064.13814537.14041040.10835568/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=L7CeMWKJiVM-/J=1273564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=6078812/R=0/SIG=114ae4ln1/*http://dogandcatanswers.yahoo.com/>

---

Hobbies & Activities Zone: Find others who share your passions! Explore
new interests.
<http://us.ard.yahoo.com/SIG=15oiheg1c/M=493064.14012770.13963757.13298430/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1273571922/L=04951338-5cd3-11df-b854-c3c2ad216ada/B=MLCeMWKJiVM-/J=1273564722900247/K=LiTeMbRjlVIuVJHTPErgIQ/A=6015306/R=0/SIG=11vlkvigg/*http://advision.webevents.yahoo.com/hobbiesandactivitieszone/>

Yahoo! Groups
<http://groups.yahoo.com/;_ylc=X3oDMTJkbGlkOWoxBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjczNTY0NzIy>

Change settings via the Web
<http://groups.yahoo.com/group/ic706/join;_ylc=X3oDMTJmYzBvOWFtBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA3N0bmdzBHN0aW1lAzEyNzM1NjQ3MjI->
(Yahoo! ID required)
Change settings via email: Switch delivery to Individual
<mailto:ic706-normal@yahoogroups.com?subject=Email%20Delivery:%20Indiviual%20Email>
| Switch format to Traditional
<mailto:ic706-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional>

Visit Your Group
<http://groups.yahoo.com/group/ic706;_ylc=X3oDMTJkYXR2aTVuBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2hwZgRzdGltZQMxMjczNTY0NzIy>
| Yahoo! Groups Terms of Use <http://docs.yahoo.com/info/terms/> |
Unsubscribe <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe>

[Non-text portions of this message have been removed]

# 17956. is there an online brochure for the 706 MKII?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-13 21:13:51 UTC
From: kerberoskw
Topic: 17956  Message: 17956

i found the service manual but can only seem to find the brochure for the MKIIG. hope someone can help.

jim

# 17957. finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-13 21:07:17 UTC
From: kerberoskw
Topic: 17957  Message: 17957

looking forward to receiving mine at the weekend. I have no idea what i'm in for. Was wondering if there are any members in and around the Glasgow area that can help me make sense of the world of Ham Radio. i hope to sit the Foundation exam soon.

73

jim

# 17958. Re: [ic706] finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-14 00:06:45 UTC
From: Jack
Topic: 17957  Message: 17958

you MIGHT find one on the ICOM site BUT please not that ALL of the 706 series radios are now OUT OF PRODUCTION there are a few of the MIIG's that are new on the shelves yet but for the most part you will be finding used radios now.

N6UYB
Jack E. Foster
----- Original Message -----
From: "kerberoskw" <jim_young1@...>
To: <ic706@yahoogroups.com>
Sent: Thursday, May 13, 2010 5:07 PM
Subject: [ic706] finally decided on the MKII

> looking forward to receiving mine at the weekend. I have no idea what i'm
> in for. Was wondering if there are any members in and around the Glasgow
> area that can help me make sense of the world of Ham Radio. i hope to sit
> the Foundation exam soon.
>
> 73
>
> jim
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 17959. Re: finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-14 11:37:54 UTC
From: kerberoskw
Topic: 17957  Message: 17959

no worries Jack. mine is coming tomorrow. i didn't know the MKIIG was out of production too.

thanks

jim

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> you MIGHT find one on the ICOM site BUT please not that ALL of the 706
> series radios are now OUT OF PRODUCTION there are a few of the MIIG's that
> are new on the shelves yet but for the most part you will be finding used
> radios now.
>
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "kerberoskw" <jim_young1@...>
> To: <ic706@yahoogroups.com>
> Sent: Thursday, May 13, 2010 5:07 PM
> Subject: [ic706] finally decided on the MKII
>
>
> > looking forward to receiving mine at the weekend. I have no idea what i'm
> > in for. Was wondering if there are any members in and around the Glasgow
> > area that can help me make sense of the world of Ham Radio. i hope to sit
> > the Foundation exam soon.
> >
> > 73
> >
> > jim
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 17960. Re: finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-14 20:58:20 UTC
From: Mike Rodgers
Topic: 17957  Message: 17960

Out of production means stock is limited to what's on hand or in transit.
The 706 doesn't have the digital dsp and digital filters BUT it is a proven workhorse and I don't know but I assume it has probally set records for sales.I have a mk 2 and mk2g.
Happy QSO'ing. Mike R

Sent from my mobile communicator

# 17961. Re: [ic706] Re: finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-14 23:36:20 UTC
From: K4GM- George
Topic: 17957  Message: 17961

If anyone is looking for a 706 MKII I have one available.
K4GM- George

Mike Rodgers wrote:
>
> Out of production means stock is limited to what's on hand or in transit.
> The 706 doesn't have the digital dsp and digital filters BUT it is a
> proven workhorse and I don't know but I assume it has probally set
> records for sales.I have a mk 2 and mk2g.
> Happy QSO'ing. Mike R
>
> Sent from my mobile communicator
>
>

# 17962. Re: [ic706] Re: finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-15 02:45:35 UTC
From: Dihan Angelo
Topic: 17957  Message: 17962

how much are you asking for it?

http://
dihanangelo.hi5.com
www.forbidden-knowledge.8m.com

--- On Fri, 14/5/10, K4GM- George <k4gm@...> wrote:

From: K4GM- George <k4gm@...>
Subject: Re: [ic706] Re: finally decided on the MKII
To: ic706@yahoogroups.com
Date: Friday, 14 May, 2010, 16:36

If anyone is looking for a 706 MKII I have one available.
K4GM- George

Mike Rodgers wrote:
>
> Out of production means stock is limited to what's on hand or in transit.
> The 706 doesn't have the digital dsp and digital filters BUT it is a
> proven workhorse and I don't know but I assume it has probally set
> records for sales.I have a mk 2 and mk2g.
> Happy QSO'ing. Mike R
>
> Sent from my mobile communicator
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17963. Re: [ic706] Re: finally decided on the MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-15 23:19:24 UTC
From: John Barker
Topic: 17957  Message: 17963

How much for 706?

K7JBB

---

From: K4GM- George <k4gm@...>
To: ic706@yahoogroups.com
Sent: Fri, May 14, 2010 5:36:20 PM
Subject: Re: [ic706] Re: finally decided on the MKII

If anyone is looking for a 706 MKII I have one available.
K4GM- George

Mike Rodgers wrote:
>
> Out of production means stock is limited to what's on hand or in transit.
> The 706 doesn't have the digital dsp and digital filters BUT it is a
> proven workhorse and I don't know but I assume it has probally set
> records for sales.I have a mk 2 and mk2g.
> Happy QSO'ing. Mike R
>
> Sent from my mobile communicator
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17964. Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-15 23:23:36 UTC
From: barkerark3
Topic: 17964  Message: 17964

Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?

JB K7JBB

## 17965. Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 04:33:23 UTC
From: Mike Rodgers
Topic: 17964  Message: 17965

Actually, I'm surprised it took this long after the 7000 came out which by the way I don't want a 7000. Santa if your listening, I would however like a k3.
Happy QSO'ing. Mike R

Sent from my pocket communicator

# 17966. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 11:33:16 UTC
From: TLN
Topic: 17964  Message: 17966

> Let me get this straight Icom is discontinuing the 706?

True, Amateur Electronic Supply has them on "closeout".

I know I haven't been checking lately but I
> hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?
>
> JB K7JBB

[Non-text portions of this message have been removed]

# 17967. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 14:20:47 UTC
From: Ross Primrose N4RP
Topic: 17964  Message: 17967

On 5/15/10 7:23 PM, barkerark3 wrote:
> Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?
>
> JB K7JBB
>

Yes, the 706MKIIg & 703+ are both discontinued... The 706 was long since replaced by the 7000. There's a 20W version of the 7000 available in Japan, I don't know if that'll make it over here to replace the 703+....

73, Ross N4RP

--
FCC Section 97.313(a) ?At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.?

# 17968. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 15:14:06 UTC
From: Larry J. Ford
Topic: 17964  Message: 17968

HRO-Atlanta confirmed this report on Friday.

I think the rep also said that at least HRO-ATL is out of existing stock for the 706MKIIG.

Don't know if other HRO stores are out of stock as well.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: barkerark3
To: ic706@yahoogroups.com
Sent: Saturday, May 15, 2010 7:23 PM
Subject: [ic706] Say what?

Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?

JB K7JBB

[Non-text portions of this message have been removed]

# 17969. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 16:35:56 UTC
From: Dennis Griffin
Topic: 17964  Message: 17969

Saw one at HRO Phoenix yesterday.

73 de Dennis KD7CAC
Scottsdale, AZ

Sent from my iPad

On May 16, 2010, at 8:14 AM, "Larry J. Ford" <lford@...> wrote:

HRO-Atlanta confirmed this report on Friday.

I think the rep also said that at least HRO-ATL is out of existing stock for the 706MKIIG.

Don't know if other HRO stores are out of stock as well.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: barkerark3
To: ic706@yahoogroups.com
Sent: Saturday, May 15, 2010 7:23 PM
Subject: [ic706] Say what?

Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?

JB K7JBB

[Non-text portions of this message have been removed]

# 17970. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 17:18:04 UTC
From: bruce mallon
Topic: 17964  Message: 17970

ICOM has had problems getting the parts and had to move on ....

--- On Sun, 5/16/10, Ross Primrose N4RP <n4rp@...> wrote:

From: Ross Primrose N4RP <n4rp@...>
Subject: Re: [ic706] Say what?
To: ic706@yahoogroups.com
Cc: "barkerark3" <barkerark3@...>
Date: Sunday, May 16, 2010, 10:20 AM

On 5/15/10 7:23 PM, barkerark3 wrote:
> Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?
>
>                         JB  K7JBB
>

Yes, the 706MKIIg & 703+ are both discontinued... The 706 was long since
replaced by the 7000. There's a 20W version of the 7000 available in
Japan, I don't know if that'll make it over here to replace the 703+....

73, Ross N4RP

--
FCC Section 97.313(a) “At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.”

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17971. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-16 17:40:40 UTC
From: Joe Isabella
Topic: 17964  Message: 17971

I've had a 706, a 706 MKIIG, and a 7000. Still have my 706 as a backup rig, and the 7000 is my full-time mobile. I love it- it ain't going anywhere...

Joe, N3JI

Mike Rodgers <mikerodgerske5gbc@yahoo.com> wrote:

>Actually, I'm surprised it took this long after the 7000 came out which by the way I don't want a 7000. Santa if your listening, I would however like a k3.
> Happy QSO'ing. Mike R
>
>Sent from my pocket communicator
>
>
>

# 17972. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 15:09:39 UTC
From: larryjspammenot@teleport.com
Topic: 17964  Message: 17972

That seems to be a problem with lots of ICOM radios. They seem to buy enough to sell the radios, and not too long afterwards, critical replacement parts are no longer available. The only hope for repair is another radio that's being scrapped or sold as parts to be a "donor" unit to fix another.

LJ

-----Original Message-----
From: bruce mallon
Sent: May 16, 2010 10:18 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Say what?

ICOM has had problems getting the parts and had to move on ....

--- On Sun, 5/16/10, Ross Primrose N4RP <n4rp@...> wrote:

From: Ross Primrose N4RP <n4rp@...>
Subject: Re: [ic706] Say what?
To: ic706@yahoogroups.com
Cc: "barkerark3" <barkerark3@...>
Date: Sunday, May 16, 2010, 10:20 AM

On 5/15/10 7:23 PM, barkerark3 wrote:
> Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?
>
> JB K7JBB
>

Yes, the 706MKIIg & 703+ are both discontinued... The 706 was long since replaced by the 7000. There's a 20W version of the 7000 available in Japan, I don't know if that'll make it over here to replace the 703+....

73, Ross N4RP

--
FCC Section 97.313(a) “At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.”

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 17973. Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 18:45:37 UTC
From: kav246
Topic: 17964  Message: 17973

> I've had a 706, a 706 MKIIG, and a 7000. Still have my 706 as a backup rig, and the 7000 is my full-time mobile. I love it- it ain't going anywhere...
>
> Joe, N3JI

Joe

I've had a mk11 (pre G)since it was current. It's been in 4 cars, done a lot more work than my base gear and it really owes me nothing.

I've been considering upgrading (would it be?) to the G for years but have been unable to justify it as there is nothing physically wrong with what I have appart from the lack of UHF. However if Gs are gonna be obsoleted it looks like it's now or never time.

My question to you is would you still recommend the mk11G or would you, at this late stage, skip straight to a 7000?

None of these mobiles are cheap over here and the benefit of your hindsight might make the difference between me spending 700 quid or £1k.

On the otherhand I could just keep what I have and spend nixi. Afterall there are definite benefits to running seperates so long as I still have room for all the head units!

Your opinion would be appreciated.

Kav

# 17974. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 22:28:23 UTC
From: Deacon Dave
Topic: 17964  Message: 17974

Well, I've run the MKiiG for more than 8 years mobile in a climate that will see -15F during the winter and 95F+ during the summer. I use HF and VHF. Like you, mine owes me nothing.

I thought about 'upgrading' to the 7000 late last year [2009] and decided not to. "If it ain't broke don't fix it". The 7000 would add nothing to my mobile experience.

I'll run my 706MKiiG until it totally dies beyond repair or resurrection.

DD

----- Original Message -----
From: kav246
To: ic706@yahoogroups.com
Sent: Monday, May 17, 2010 2:45 PM
Subject: [ic706] Re: Say what?

> I've had a 706, a 706 MKIIG, and a 7000. Still have my 706 as a backup rig, and the 7000 is my full-time mobile. I love it- it ain't going anywhere...
>
> Joe, N3JI

Joe

I've had a mk11 (pre G)since it was current. It's been in 4 cars, done a lot more work than my base gear and it really owes me nothing.

I've been considering upgrading (would it be?) to the G for years but have been unable to justify it as there is nothing physically wrong with what I have appart from the lack of UHF. However if Gs are gonna be obsoleted it looks like it's now or never time.

My question to you is would you still recommend the mk11G or would you, at this late stage, skip straight to a 7000?

None of these mobiles are cheap over here and the benefit of your hindsight might make the difference between me spending 700 quid or £1k.

On the otherhand I could just keep what I have and spend nixi. Afterall there are definite benefits to running seperates so long as I still have room for all the head units!

Your opinion would be appreciated.

Kav

[Non-text portions of this message have been removed]

# 17975. Re: [ic706] Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 22:37:21 UTC
From: Deacon Dave
Topic: 17964  Message: 17975

Don't blame ICOM! The semiconductor manufacturers drop product lines so they can remain profitable.

I spent 4 years of an electrical engineering career in design and production of semiconductors. It is a savagely competitive business.

The manufacturers must: "Grow with the technology or die!"

The governments have the same problems on material they purchase . Think about this. The USAF still flies the Boeing B-52 that was introduced in 1952, almost 60 years ago. Airframe fatigue, engine upgrades, weapons systems , etc. have all worn or aged out. Who in the government, 60 years ago, would have bought 1000 engines, 400 wing sets, 800 wings mount boxes, of a 1960 design for a 50 years storage inventory. Answer: upgrade or replace is more economical. Same with semiconductor technology. Same impact to the users of those semiconductors.

Don't blame ICOM. They are simply responding to market forces.

DD

----- Original Message -----
From: larryjspammenot@teleport.com
To: ic706@yahoogroups.com
Sent: Monday, May 17, 2010 11:09 AM
Subject: Re: [ic706] Say what?

That seems to be a problem with lots of ICOM radios. They seem to buy enough to sell the radios, and not too long afterwards, critical replacement parts are no longer available. The only hope for repair is another radio that's being scrapped or sold as parts to be a "donor" unit to fix another.

LJ

-----Original Message-----
From: bruce mallon
Sent: May 16, 2010 10:18 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Say what?

ICOM has had problems getting the parts and had to move on ....

--- On Sun, 5/16/10, Ross Primrose N4RP <n4rp@...> wrote:

From: Ross Primrose N4RP <n4rp@...>
Subject: Re: [ic706] Say what?
To: ic706@yahoogroups.com
Cc: "barkerark3" <barkerark3@...>
Date: Sunday, May 16, 2010, 10:20 AM

On 5/15/10 7:23 PM, barkerark3 wrote:
> Let me get this straight Icom is discontinuing the 706? I know I haven't been checking lately but I hadn't heard this one. What a mistake It's the best little workhorse I've seen.What will replace it?
>
> JB K7JBB
>

Yes, the 706MKIIg & 703+ are both discontinued... The 706 was long since replaced by the 7000. There's a 20W version of the 7000 available in Japan, I don't know if that'll make it over here to replace the 703+....

73, Ross N4RP

--
FCC Section 97.313(a) “At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.”

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17976. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 22:40:40 UTC
From: Joe Isabella
Topic: 17964  Message: 17976

I didn't think it would either. I was wrong...

Joe, N3JI

Deacon Dave <w1mce@comcast.net> wrote:

>Well, I've run the MKiiG for more than 8 years mobile in a climate that will see -15F during the winter and 95F+ during the summer. I use HF and VHF. Like you, mine owes me nothing.
>
>I thought about 'upgrading' to the 7000 late last year [2009] and decided not to. "If it ain't broke don't fix it". The 7000 would add nothing to my mobile experience.
>
>I'll run my 706MKiiG until it totally dies beyond repair or resurrection.
>
>DD
>
> ----- Original Message -----
> From: kav246
> To: ic706@yahoogroups.com
> Sent: Monday, May 17, 2010 2:45 PM
> Subject: [ic706] Re: Say what?
>
>
>
>
> > I've had a 706, a 706 MKIIG, and a 7000. Still have my 706 as a backup rig, and the 7000 is my full-time mobile. I love it- it ain't going anywhere...
> >
> > Joe, N3JI
>
> Joe
>
> I've had a mk11 (pre G)since it was current. It's been in 4 cars, done a lot more work than my base gear and it really owes me nothing.
>
> I've been considering upgrading (would it be?) to the G for years but have been unable to justify it as there is nothing physically wrong with what I have appart from the lack of UHF. However if Gs are gonna be obsoleted it looks like it's now or never time.
>
> My question to you is would you still recommend the mk11G or would you, at this late stage, skip straight to a 7000?
>
> None of these mobiles are cheap over here and the benefit of your hindsight might make the difference between me spending 700 quid or £1k.
>

> On the otherhand I could just keep what I have and spend nixi. Afterall there are definite benefits to running seperates so long as I still have room for all the head units!
>
> Your opinion would be appreciated.
>
> Kav
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 17977. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-17 21:21:01 UTC
From: Ryan Davis
Topic: 17964  Message: 17977

I have both (7000 and 706mkIIg) and have to say it's my opinion that 7000 is heads and shoulders above the 706. Maybe it's just me but I swear the recieve on the 7000 is light years ahead of the 706. If you buy a 7k you won't regret it.

Ryan Davis

On May 17, 2010, at 12:45 PM, "kav246" <smartlock.pro@...> wrote:

> I've had a 706, a 706 MKIIG, and a 7000. Still have my 706 as a backup rig, and the 7000 is my full-time mobile. I love it- it ain't going anywhere...
>
> Joe, N3JI

Joe

I've had a mk11 (pre G)since it was current. It's been in 4 cars, done a lot more work than my base gear and it really owes me nothing.

I've been considering upgrading (would it be?) to the G for years but have been unable to justify it as there is nothing physically wrong with what I have appart from the lack of UHF. However if Gs are gonna be obsoleted it looks like it's now or never time.

My question to you is would you still recommend the mk11G or would you, at this late stage, skip straight to a 7000?

None of these mobiles are cheap over here and the benefit of your hindsight might make the difference between me spending 700 quid or £1k.

On the otherhand I could just keep what I have and spend nixi. Afterall there are definite benefits to running seperates so long as I still have room for all the head units!

Your opinion would be appreciated.

Kav

[Non-text portions of this message have been removed]

# 17978. Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-18 08:19:39 UTC
From: Phil Williams
Topic: 17964  Message: 17978

Quote "...and the 7000 is my full-time mobile. I love it- it ain't going anywhere..."

I used to have a car like that too.

Phil G3YPQ

www.cornwallharpcentre.co.uk
www.trehawsa.com

# 17979. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-18 11:06:41 UTC
From: Deacon Dave
Topic: 17964  Message: 17979

I used to have a car like that too ... In fact it was a product of Great Britton ... AH! the nostalgia as I recall my Triumph TR-4 from my reckless bachelor days ... sigh.

But, the TR-4 did have 80 - 10 meter HF permanently installed. The old Gonset Twins were mounted on the "jump seat", if you can call it that, behind the driver's seat. Yep! I had to drive forward but look backward, into the back seat, to run the radio :-)

DD, W1MCE
----- Original Message -----
From: Phil Williams
To: ic706@yahoogroups.com
Sent: Tuesday, May 18, 2010 4:19 AM
Subject: [ic706] Re: Say what?

REDACTED ... and OFF TOPIC :-)

I used to have a car like that too.

Phil G3YPQ

[Non-text portions of this message have been removed]

# 17980. Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-18 20:23:14 UTC
From: kav246
Topic: 17964  Message: 17980

Well, Thanks for ALL the replies to my part of this thread.

Its done nothing to make up my mind but it has confirmed that both G and 7000 owners seem extremely happy to endorse the product.

Hopefully that means whichever I get should be at least as good as the last one!

Cheers All!

# 17981. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-18 20:36:30 UTC
From: Joe Isabella
Topic: 17964  Message: 17981

Remember that the 7000 is a full IF (dual) DSP rig, the 706 series is all analog with an AF DSP added on as an extra. The DSP capabilities at the IF make it better than a MKIIG full of filters, and also comes with the high-stability timebase as a standard option. And don't discount how much easier the color display makes it to read in a mobile environment. It's hard to quantify, but I think a few split seconds here & there while driving can really make a difference. The extended controls on the mic is a nice touch as well.

Don't know if that helps you further or not, but it is definitely NOT just a 706 with a color display. It's a completely different radio, and worth the extra cabbage IMHO....

Joe, N3JI

_____
From: kav246 <smartlock.pro@...>
To: ic706@yahoogroups.com
Sent: Tue, May 18, 2010 3:23:14 PM
Subject: [ic706] Re: Say what?

Well, Thanks for ALL the replies to my part of this thread.

Its done nothing to make up my mind but it has confirmed that both G and 7000 owners seem extremely happy to endorse the product.

Hopefully that means whichever I get should be at least as good as the last one!

Cheers All!

[Non-text portions of this message have been removed]

# 17982. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-18 20:45:48 UTC
From: Larry J. Ford
Topic: 17964  Message: 17982

The IC-7000 is certainly more sophisticated than the IC-706xxx.

But the 7000 seems to have some continuing problems from what I read on the 'Net and other places.
The 706 is not trouble-free, by any means, but my sense is that the 7000 does not seem quite a "hardy" on average as the 706 has proven to be. Of course, time will tell if the 7000 has as long a run as the 706.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: kav246
To: ic706@yahoogroups.com
Sent: Tuesday, May 18, 2010 4:23 PM
Subject: [ic706] Re: Say what?

Well, Thanks for ALL the replies to my part of this thread.

Its done nothing to make up my mind but it has confirmed that both G and 7000 owners seem extremely happy to endorse the product.

Hopefully that means whichever I get should be at least as good as the last one!

Cheers All!

[Non-text portions of this message have been removed]

# 17983. Re: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-19 12:05:09 UTC
From: Deacon Dave
Topic: 17964  Message: 17983

I own and use the 706MKiiG as a mobile, the original non-Pro 746 in the home QTH for 30 & 60 meters and the 756P3 for the workhorse base station. The 756P3 has tremendous DSP and easily outperforms the 706 and 706 receivers in crowded or noisy band conditions.

The DSP in the 7000 is a highly valued increase in receiver performance under crowded or congested band conditions, QRM/QRN. If your planned usage includes HF contesting, DX-ing, etc. Then the 7000 upgrade is warranted. IF your plans are casual rag chewing and normal mobile activity, then I would not justify the change from the 706.

Just my opinion.

DD, W1MCE

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Tuesday, May 18, 2010 4:36 PM
Subject: Re: [ic706] Re: Say what?

Remember that the 7000 is a full IF (dual) DSP rig, the 706 series is all analog with an AF DSP added on as an extra. The DSP capabilities at the IF make it better than a MKIIG full of filters, and also comes with the high-stability timebase as a standard option. And don't discount how much easier the color display makes it to read in a mobile environment. It's hard to quantify, but I think a few split seconds here & there while driving can really make a difference. The extended controls on the mic is a nice touch as well.

Don't know if that helps you further or not, but it is definitely NOT just a 706 with a color display. It's a completely different radio, and worth the extra cabbage IMHO....

Joe, N3JI

_____
From: kav246 <smartlock.pro@...>
To: ic706@yahoogroups.com
Sent: Tue, May 18, 2010 3:23:14 PM
Subject: [ic706] Re: Say what?

Well, Thanks for ALL the replies to my part of this thread.

Its done nothing to make up my mind but it has confirmed that both G and 7000 owners seem extremely happy to endorse the product.

Hopefully that means whichever I get should be at least as good as the last one!

Cheers All!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17984. RE: [ic706] Re: Say what?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-19 13:37:38 UTC
From: Joe
Topic: 17964  Message: 17984

I somewhat agree, except I really enjoy the added BW available with the 7000 specifically for ragchewing. It's wider than my mod'ed 706 on both TX and RX...

Joe, N3JI

-----Original Message-----
From: Deacon Dave <w1mce@...>
Sent: Wednesday, May 19, 2010 07:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: Say what?

I own and use the 706MKiiG as a mobile, the original non-Pro 746 in the home QTH for 30 & 60 meters and the 756P3 for the workhorse base station. The 756P3 has tremendous DSP and easily outperforms the 706 and 706 receivers in crowded or noisy band conditions.

The DSP in the 7000 is a highly valued increase in receiver performance under crowded or congested band conditions, QRM/QRN. If your planned usage includes HF contesting, DX-ing, etc. Then the 7000 upgrade is warranted. IF your plans are casual rag chewing and normal mobile activity, then I would not justify the change from the 706.

Just my opinion.

DD, W1MCE

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Tuesday, May 18, 2010 4:36 PM
Subject: Re: [ic706] Re: Say what?

Remember that the 7000 is a full IF (dual) DSP rig, the 706 series is all analog with an AF DSP added on as an extra. The DSP capabilities at the IF make it better than a MKIIG full of filters, and also comes with the high-stability timebase as a standard option. And don't discount how much easier the color display makes it to read in a mobile environment. It's hard to quantify, but I think a few split seconds here & there while driving can really make a difference. The extended controls on the mic is a nice touch as well.

Don't know if that helps you further or not, but it is definitely NOT just a 706 with a color display. It's a completely different radio, and worth the extra ca

[The entire original message is not included]

[Non-text portions of this message have been removed]

# 17985. Re: AH-4 Control Cable Source

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-19 16:20:21 UTC
From: Larry J. Ford
Topic: 17985  Message: 17985

I am reconfiguring the antenna fed by the AH-4, and thus "re-deploying" the AH-4 to a different (higher) location relative to the shack.

I need to make up a longer length of control cable from the rigs (7200/706) to the AH-4.

I am am aware of this source for pre-made control cable ( http://www.qsradio.com/Rotor%20and%20Tuner%20Cables.htm ), but thought I might try making up the cable myself, both for "fun" and maybe saving a little $.

What's a good source for compatible "raw," unterminated cable, which I understand to be made of 4 inner conductors, each of 22-gauge stranded, insulated copper wire? I guess the outer jacket is water-proof, but is it shielded?

Are the connectors standard Molex 4-pin connectors?

Thanks,

Larry J. Ford
KG4GPJ

# 17986. Re: AH-4 Control Cable Source

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-19 16:35:24 UTC
From: Bob Stuart
Topic: 17985  Message: 17986

I used 4 conductor  flat trailer cable and fitted the ends with trailer connectors and then a adapter to the molex connector.....I have a couple of different lengths that can be rapidly deployed for any kind of situation

[Non-text portions of this message have been removed]

# 17987. Re: [ic706] Re: AH-4 Control Cable Source

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-19 16:51:22 UTC
From: Joe Isabella
Topic: 17985  Message: 17987

I would think Cat-5 type cable with the appropriate ends would work so you could simply connect the original length together or add in however long of an extension you needed between the two would do the job nicely...

Joe, N3JI

---

From: Bob Stuart <paddler8967@yahoo.com>
To: ic706@yahoogroups.com
Sent: Wed, May 19, 2010 11:35:24 AM
Subject: [ic706] Re: AH-4 Control Cable Source

I used 4 conductor flat trailer cable and fitted the ends with trailer connectors and then a adapter to the molex connector.....I have a couple of different lengths that can be rapidly deployed for any kind of situation

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17988. Re: [ic706] Re: AH-4 Control Cable Source

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-20 02:50:05 UTC
From: Ryan Davis
Topic: 17985  Message: 17988

We use a 22/4 cable of different varieties all the time, that's what I'd go for. Be careful with shielded wire though, it's a good measure but if it's not implemented correctly it can cause you more problems than good. Since the all of the AH-4 connectors I've ever seen are plastic you know they aren't grounding a shield wire through it. That being said I doubt theirs is shielded from the factory. If you do decide to use a shielded cable remember to connect the shield wire only at one end (either the chassis of the radio or the chassis of the tuner). Otherwise you'll either have ground loop problems or the shield will act like an antenna and pump RFI into the tuner and the radio.

BTW, the standard 22/4 we use is actually wire used for security systems. We usually buy it in a 500' "bag" for around $35. If you were in Utah I'm sure I could find a length of scrap that I'd just give you but hardly worth the hassle at this point...

Ryan Davis
ratioav.com

---

From: Joe Isabella <n3ji@...>
To: ic706@yahoogroups.com
Sent: Wed, May 19, 2010 10:51:22 AM
Subject: Re: [ic706] Re: AH-4 Control Cable Source

I would think Cat-5 type cable with the appropriate ends would work so you could simply connect the original length together or add in however long of an extension you needed between the two would do the job nicely...

Joe, N3JI

---

From: Bob Stuart <paddler8967@...>
To: ic706@yahoogroups.com
Sent: Wed, May 19, 2010 11:35:24 AM
Subject: [ic706] Re: AH-4 Control Cable Source

I used 4 conductor flat trailer cable and fitted the ends with trailer connectors and then a adapter to the molex connector.....I have a couple of different lengths that can be rapidly deployed for any kind of situation

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 17989. Need to replace parts

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-21 03:48:16 UTC
From: n0gmp
Topic: 17989  Message: 17989

Due to some carelessness on my part I've broken the channel change/shift control off of the control head of one of my MKIIGs.
Broke the shaft itself right flush with the face.

Has anybody here replaced that dual control ?
What am I looking at ?

Dave

# 17990. IC706 Missing parts.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-22 09:46:44 UTC
From: vk3zaz
Topic: 17990  Message: 17990

I have read about the 2M problem where the radio goes deaf as a post. In my case the losse Power socket has broken the smc coil off the board its gone.
ICOM AUSTRALIA charge $165 per hour to fix.

Can anyone give me an idea what I can solder in there in its place, it is part of the high pass filer.

ALl emails answered vk3zaz@... Thanks for reading.

# 17991. Values of L31 and L27

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-22 20:16:31 UTC
From: vk3zaz
Topic: 17991  Message: 17991

Can anyone assist with the values of L31 and L27 under the power socket. My L27 is loose and L31 has detached and been lost. Can I link across and bridge the gap over the missing coil and restore 2M sensitivity or do I need an excat part and what is its value in uH?
Thanks

# 17992. Re: [ic706] Values of L31 and L27

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-23 00:47:40 UTC
From: Joe Isabella
Topic: 17991  Message: 17992

1.2uH.... See my reply to your private email......

Joe, N3JI

---
From: vk3zaz <vk3zaz@...>
To: ic706@yahoogroups.com
Sent: Sat, May 22, 2010 3:16:31 PM
Subject: [ic706] Values of L31 and L27

Can anyone assist with the values of L31 and L27 under the power socket. My L27 is loose and L31 has detached and been lost. Can I link across and bridge the gap over the missing coil and restore 2M sensitivity or do I need an excat part and what is its value in uH? Thanks

[Non-text portions of this message have been removed]

# 17993. CI-V REMOTE ERROR

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-23 01:09:12 UTC
From: Rodrigo Lima
Topic: 17993  Message: 17993

Hello everyone I have a 706 first version it is giving error in the remote, I can not control my radio via RS232, and the following error civ-error, Would anyone help me tks

[Non-text portions of this message have been removed]

# 17994. Re: CI-V REMOTE ERROR

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-24 18:41:00 UTC
From: kav246
Topic: 17993  Message: 17994

Hello

First of all I have only used an aftermarket interface with my 706, secondly you don't say if your system WAS working and now isn't or it's a new installation so all my suggestions are guess work.

Have you used the PC serial port and cable before and know them to be good working? Have you used the CT-17 before and know it to be good working? If yes to the above, have you configured the software correctly for comport and speed settings?

Lastly, have you configured the software and radio correctly for the same C-1V address? C1-V parameters can be found in Initial Set mode on the radio.

Sorry if you already knew all this but it's all I've got.

Kav

# 17995. Re: CI-V REMOTE ERROR

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-24 19:01:44 UTC
From: nb7o
Topic: 17993  Message: 17995

I would go in via the setup window and make certain that you have the correct hex address in the 706. The Icom designation for the 706 (non II models) is 48h. You will not enter the h in most software programs. It is to designate the value as a hexadecimal value. In some references you will see this value written as $48

seven three de kevin/NB7O

--- In ic706@yahoogroups.com, "Rodrigo Lima" <limoidefilhotao@...> wrote:
>
> Hello everyone I have a 706 first version it is giving error in the remote, I can not control my radio via RS232, and the following error civ-error, Would anyone help me
> tks
>
> [Non-text portions of this message have been removed]
>

# 17996. Digital demodulation and filtering of the IC706 IF

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-23 20:57:06 UTC
From: alexschwarz237
Topic: 17996  Message: 17996

Hi everybody;

I am the moderator of the MDSRadio Yahoo group. We have been developing software for a Windows PC that filters the IF and demodulates it with DSP. Currently we are providing a interface for the Yaesu FT8x7 radios, but now we are in the process to develop an interface for the IC706 and the IC703 transceivers.
The advantage of the DSP filtering and demodulation provides a very clean audio and since it connects to the computer the software provides a spectrum analyzer and a CAT interface, which will be part of the next software release.
This group is non profit and invites people to participate in the development of this new software

Please check out the http://groups.yahoo.com/group/mdsradio/ and also our webpage http://users.skynet.be/myspace/mdsr

Thanks;

Alex
VE7DXW

# 17997. Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 06:05:21 UTC
From: Moses
Topic: 17997  Message: 17997

Hello,

I have an Icom 706MKIIG.. never really used it on HF until recently (just upgraded to General) and I noticed the DSP/Noise reduction isn't really working. When I turn either the ANF or the NR on, the radio goes into 'mute'. I can still hear faint audio if I crank up the volume almost all the way up. Mode doesn't make a difference, AM/FM/WFM/SSB, neither does the noise reduction level, all work the same way. I tried another 706 at HRO and the noise reduction was working properly on their unit.

I checked all the connections to the factory installed UT-106 module, even checked continuity on all the cabled including the flat board to board connector, no luck. I tried resetting the rig as well. Web searches didn't get me any fixes, although I did find a youtube video detailing the same exact problem.

Anyone heard of this failure before? Anything else I can check? Is my DSP unit just bad? Anyone have a working UT-106 board they want to sell/trade?

Thank you for any help!

Regards,
-Moses

# 17998. power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 14:36:43 UTC
From: Daniel
Topic: 17998  Message: 17998

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

# 17999. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 14:51:22 UTC
From: Jack Swift - Swift Hardware
Topic: 17998  Message: 17999

yes --you can even use a 500 amp power supply (if you can find one <G>)...

but DO NOT use a 19amp power supply....

the radio will only take what it needs..

On Sun, May 30, 2010 at 10:36 AM, Daniel <ke7ccq@...> wrote:
> I'm looking for a power supply for my 706mkII. Can I use
> a 25 amp or 30 amp supply on the 706 without a problem?
> I know it calls for 20 amps. I'd rather be sure.
> thanks,
> Dan, ke7ccq
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD
^^^^^^^^^^^^^^^^^^^^^^^^

# 18000. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 16:30:09 UTC
From: Jack
Topic: 17998  Message: 18000

yes you would be fine, A power supply that has a larger rating is fine but
you do not want to be too small as it will hurt the PS and the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Daniel" <ke7ccq@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, May 30, 2010 10:36 AM
Subject: [ic706] power supply for 706mkII amp rating?

> I'm looking for a power supply for my 706mkII. Can I use
> a 25 amp or 30 amp supply on the 706 without a problem?
> I know it calls for 20 amps. I'd rather be sure.
> thanks,
> Dan, ke7ccq
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18001. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 19:26:36 UTC
From: W1MCE
Topic: 17998  Message: 18001

Yep! 25A or more is 100% fine

From: Daniel
Sent: Sunday, May 30, 2010 10:36 AM
To: ic706@yahoogroups.com
Subject: [ic706] power supply for 706mkII amp rating?

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

[Non-text portions of this message have been removed]

# 18002. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 20:55:42 UTC
From: Mike Rodgers
Topic: 17998  Message: 18002

Dan, just make sure it's 20amp continuous or more. Some manufacturers use what I would call deceptive advertising using peak amps in the model numbers. If you can get a little bigger than 20 for reasonable cost then I would. I would prefer a heavy transformer type but hey let's hear from you guys with switchers. Do you have any birdies ?

Mike R

Sent from my pocket communicator

On May 30, 2010, at 9:36 AM, "Daniel" <ke7ccq@...> wrote:

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

[Non-text portions of this message have been removed]

# 18003. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 21:07:50 UTC
From: Jess Rogers
Topic: 17998  Message: 18003

Thanks for bringing that up. My Kenwood PS-30 runs cool, never warm. I am getting another power suppy in the 30 amp range for another base radio. What do you guys think of a switcher vs a iron transformer PS

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Sunday, May 30, 2010 3:55 PM
Subject: Re: [ic706] power supply for 706mkII amp rating?

Dan, just make sure it's 20amp continuous or more. Some manufacturers use what I would call deceptive advertising using peak amps in the model numbers. If you can get a little bigger than 20 for reasonable cost then I would. I would prefer a heavy transformer type but hey let's hear from you guys with switchers. Do you have any birdies ?

Mike R

Sent from my pocket communicator

On May 30, 2010, at 9:36 AM, "Daniel" <ke7ccq@...> wrote:

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18004. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 22:18:02 UTC
From: Ralph Mowery
Topic: 17998  Message: 18004

Yes.  You can use any power supply that puts out around 12 volts (common used value) with more amps. Most will state around 13.8 volts.  That is a nonial value of a car 12 volt system  with the motor running.

The current rating of a supply is just how much it can supply. It works the same way with the 120 volt wall socket.  Anyting from a cell phone charger that draws almost nothing to a hair dryer that draws almost the maximum current.  That is you can hook any device up to it no mater the current rating of the device as long as it is less than the rated current of the supply.  If you want to you can use  a 100 amp supply with the Icom.  YOu can also hook up several devices to the supply as long as the total at any one time is less than the maximum for the supply.

I have several rigs hooked up to a 50 amp supply that draw a couple of amps on receive and 20 or so on transmitt.  I can only transmitt on one or two at a time without exceeding the total current rating.

----- Original Message ----
From: Daniel <ke7ccq@...>
To: ic706@yahoogroups.com
Sent: Sun, May 30, 2010 10:36:43 AM
Subject: [ic706] power supply for 706mkII amp rating?

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

# 18005. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-30 22:24:27 UTC
From: Ralph Mowery
Topic: 17998  Message: 18005

Some switchers can generate noise on the receiver.  Also the simple heavy supplies are easy to repair if they ever do give problems.  Do get a supply without a fan as that is just another noise maker and it sucks dust into the supply.

----- Original Message ----
From: Jess Rogers <jessadr@...>
To: ic706@yahoogroups.com
Sent: Sun, May 30, 2010 5:07:50 PM
Subject: Re: [ic706] power supply for 706mkII amp rating?

Thanks for bringing that up. My Kenwood PS-30 runs cool, never warm. I am getting another power suppy in the 30 amp range for another base radio. What do you guys think of a switcher vs a iron transformer PS

# 18006. Re: [ic706] power supply for 706mkII amp rating?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 01:41:31 UTC
From: Larry J. Ford
Topic: 17998  Message: 18006

I've used an SEC-1223 switching power supply with an "original" 706 and a 706MKII with no observed problems for over 10 years.

However, I run my 7200 off an Astron RS-35A linear PS because the 7200's current requirements are a little higher than the 706's.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Sunday, May 30, 2010 4:55 PM
Subject: Re: [ic706] power supply for 706mkII amp rating?

Dan, just make sure it's 20amp continuous or more. Some manufacturers use what I would call deceptive advertising using peak amps in the model numbers. If you can get a little bigger than 20 for reasonable cost then I would. I would prefer a heavy transformer type but hey let's hear from you guys with switchers. Do you have any birdies ?

Mike R

Sent from my pocket communicator

On May 30, 2010, at 9:36 AM, "Daniel" <ke7ccq@...> wrote:

I'm looking for a power supply for my 706mkII. Can I use
a 25 amp or 30 amp supply on the 706 without a problem?
I know it calls for 20 amps. I'd rather be sure.
thanks,
Dan, ke7ccq

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18007. antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 20:05:08 UTC
From: ke6czh
Topic: 17621  Message: 18007

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

# 18008. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 20:39:02 UTC
From: Larry J. Ford
Topic: 17621  Message: 18008

By older 706, do you mean an "original, non-MK, 706?

Why not an ICOM Tuner? The AH-4 works great with the original 706 or the 706MKII that I have.

If you want one for "at the rig," then the ICOM AT-150 will work with the 706s.

LDG and MFJ make "706 compatible" autotuners.

As far as manual tuners, I'm partial to the Ten-Tec 238A which I use with an IC-7200.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Monday, May 31, 2010 4:05 PM
Subject: [ic706] antenna tuner

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

# 18009. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 20:43:24 UTC
From: robert sessums
Topic: 17621  Message: 18009

hi
i use the ic 706 the first generation i have the LDG Z100 tuner works
great.

bob w1ltx

On Mon, May 31, 2010 at 1:05 PM, ke6czh <KE6CZH@yahoo.com> wrote:

>
>
> i have a older icom706 i need a good antenna tuner after martket not icom
> tuner ldg makes one anyone have any suggestion?
>
>
>

[Non-text portions of this message have been removed]

# 18010. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 20:46:46 UTC
From: Jeff Moore
Topic: 17621  Message: 18010

So what's wrong with the LDG IT-100?

Jeff -- KE7ACY

----- Original Message ----- From: ke6czh

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

# 18011. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 20:50:01 UTC
From: Robert Traylor
Topic: 17621  Message: 18011

is that ldg=100 discontinued and do i need a interface cable and ad a tune button on my radio

--- On Mon, 5/31/10, Jeff Moore <tnetcenter@...> wrote:

From: Jeff Moore <tnetcenter@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:46 PM

So what's wrong with the LDG IT-100?

Jeff -- KE7ACY

----- Original Message ----- From: ke6czh

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18012. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 21:56:48 UTC
From: Robert Traylor
Topic: 17621  Message: 18012

did you have to add a tune button to your first generation icom706 for the ldz-100

--- On Mon, 5/31/10, robert sessums <w1ltx1@...> wrote:

From: robert sessums <w1ltx1@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:43 PM

hi
i use the ic 706 the first generation i have the LDG Z100 tuner works
great.

bob w1ltx

On Mon, May 31, 2010 at 1:05 PM, ke6czh <KE6CZH@...> wrote:

>
>
> i have a older icom706 i need a good antenna tuner after martket not icom
> tuner ldg makes one anyone have any suggestion?
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18013. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 21:58:55 UTC
From: Robert Traylor
Topic: 17621  Message: 18013

thankyou

--- On Mon, 5/31/10, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:39 PM

By older 706, do you mean an "original, non-MK, 706?

Why not an ICOM Tuner? The AH-4 works great with the original 706 or the 706MKII that I have.

If you want one for "at the rig," then the ICOM AT-150 will work with the 706s.

LDG and MFJ make "706 compatible" autotuners.

As far as manual tuners, I'm partial to the Ten-Tec 238A which I use with an IC-7200.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Monday, May 31, 2010 4:05 PM
Subject: [ic706] antenna tuner

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18014. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 22:43:33 UTC
From: Jeff Moore
Topic: 17621  Message: 18014

The IT-100 is one of the newest tuners from LDG. I've heard nothing but good things about it and it's what I intend to get for my 706 MKII. There are several other LDG products that would work quite nicely as well.

The IT-100 has a tune button on the front and can also be used with the 706's front-panel Tune button also. I believe it comes with the appropriate cables to hook it up the radio.

Jeff -- KE7ACY

----- Original Message ----- From: Robert Traylor

is that ldg=100 discontinued and do i need a interface cable and ad a tune button on my radio

--- On Mon, 5/31/10, From: Jeff Moore <tnetcenter@...>

So what's wrong with the LDG IT-100?

Jeff -- KE7ACY

----- Original Message ----- From: ke6czh

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18015. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 22:42:48 UTC
From: Dan Smith
Topic: 17621  Message: 18015

I have 2 706MIIG's , On one I run an LDG-AT 100Pro. On the other I use an MFJ manual tuner and an 811H amp
The LDG tuners have always worked fine for me
73
Dan/KD7UF

---
From: ke6czh <KE6CZH@YAHOO.COM>
To: ic706@yahoogroups.com
Sent: Mon, May 31, 2010 1:05:08 PM
Subject: [ic706] antenna tuner

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

# 18016. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 22:48:07 UTC
From: Jeff Moore
Topic: 17621  Message: 18016

Unless I'm mistaken, all versions of the 706 already have a TUNE button on them. Why would you need to add one?

Jeff -- KE7ACY

----- Original Message ----- From: Robert Traylor

did you have to add a tune button to your first generation icom706 for the ldz-100

--- On Mon, 5/31/10, robert sessums <w1ltx1@...> wrote:

From: robert sessums <w1ltx1@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:43 PM

hi
i use the ic 706 the first generation i have the LDG Z100 tuner works
great.

bob w1ltx

On Mon, May 31, 2010 at 1:05 PM, ke6czh <KE6CZH@...> wrote:

>
>
> i have a older icom706 i need a good antenna tuner after martket not icom
> tuner ldg makes one anyone have any suggestion?
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18017. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-05-31 23:52:56 UTC
From: wa2dhb@aol.com
Topic: 17621  Message: 18017

I have an original IC-706. I use an LDG IT-100 with it mobile with Hustler RM-75S, RM-40S, and RM-10S resonators all on a MO-1 mast, and it works great. W2DHB

In a message dated 5/31/2010 4:19:19 P.M. Eastern Daylight Time, KE6CZH@... writes:

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

# 18018. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 00:02:13 UTC
From: Robert Traylor
Topic: 17621  Message: 18018

thankyou

--- On Mon, 5/31/10, Jeff Moore <tnetcenter@...> wrote:

From: Jeff Moore <tnetcenter@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 3:48 PM

Unless I'm mistaken, all versions of the 706 already have a TUNE button on them. Why would you need to add one?

Jeff -- KE7ACY

----- Original Message ----- From: Robert Traylor

did you have to add a tune button to your first generation icom706 for the ldz-100

--- On Mon, 5/31/10, robert sessums <w1ltx1@...> wrote:

From: robert sessums <w1ltx1@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:43 PM

hi
i use the ic 706 the first generation i have the LDG Z100 tuner works
great.

bob w1ltx

On Mon, May 31, 2010 at 1:05 PM, ke6czh <KE6CZH@...> wrote:

>
>
> i have a older icom706 i need a good antenna tuner after martket not icom
> tuner ldg makes one anyone have any suggestion?
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18019. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 00:02:44 UTC
From: Robert Traylor
Topic: 17621  Message: 18019

thankyou

--- On Mon, 5/31/10, Jeff Moore <tnetcenter@...> wrote:

From: Jeff Moore <tnetcenter@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 3:43 PM

The IT-100 is one of the newest tuners from LDG. I've heard nothing but good things about it and it's what I intend to get for my 706 MKII. There are several other LDG products that would work quite nicely as well.

The IT-100 has a tune button on the front and can also be used with the 706's front-panel Tune button also. I believe it comes with the appropriate cables to hook it up the radio.

Jeff -- KE7ACY

----- Original Message ----- From: Robert Traylor

is that ldg=100 discontinued and do i need a interface cable and ad a tune button on my radio

--- On Mon, 5/31/10, From: Jeff Moore <tnetcenter@...>

So what's wrong with the LDG IT-100?

Jeff -- KE7ACY

----- Original Message ----- From: ke6czh

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18020. Re: [ic706] antenna tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 00:04:36 UTC
From: Robert Traylor
Topic: 17621  Message: 18020

nothing thanks for the input

--- On Mon, 5/31/10, Jeff Moore <tnetcenter@gmail.com> wrote:

From: Jeff Moore <tnetcenter@...>
Subject: Re: [ic706] antenna tuner
To: ic706@yahoogroups.com
Date: Monday, May 31, 2010, 1:46 PM

So what's wrong with the LDG IT-100?

Jeff -- KE7ACY

----- Original Message ----- From: ke6czh

i have a older icom706 i need a good antenna tuner after martket not icom tuner ldg makes one anyone have any suggestion?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18021. LDG Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 04:28:18 UTC
From: Jess Rogers
Topic: 275  Message: 18021

I got a AT-200Pro ordered be in Weds. Now I got to learn something about antennas. Going to put one in the attic first I guess. Also started on my General studies with computer lesson disks.
Thanks for all your info on this group.
It really helps the new guys to this hobby.

[Non-text portions of this message have been removed]

# 18022. Re: [ic706] LDG Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 14:31:00 UTC
From: Mike Rodgers
Topic: 275  Message: 18022

Jess, if you have your technician license, you should be taking advantage of the E-skip season we are in right now. Starts every may. E-skip on 6 and 10. If my memory is correct technicians are allowed on 10 below 28.500 in Texas most action is between 7pm and 10pm. I can give you more info if your interested.there may be some on 2 m ssb as well.
Happy QSO'ing. Mike R

Sent from my pocket communicator

On May 31, 2010, at 11:28 PM, "Jess Rogers" <jessadr@...> wrote:

I got a AT-200Pro ordered be in Weds. Now I got to learn something about antennas. Going to put one in the attic first I guess. Also started on my General studies with computer lesson disks.
Thanks for all your info on this group.
It really helps the new guys to this hobby.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18023. Re: [ic706] LDG Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 14:51:51 UTC
From: Larry J. Ford
Topic: 275  Message: 18023

US-licensed Techs have phone privileges on 10 meters between 28.300 MHz and 28.500 MHz, not only in Texas but as far as propagation will take your signal!

I worked the heck out of it last year on a simple 10-meter dipole up about 20 feet, had a blast, and it gave me the motivation to go ahead and upgrade to General in June last year.

However, I've been checking the band regularly over the past month or so, and it seems the band is not open as much as it was this time last year, at least here in SWNC, so I've been spending most of my time on 20 meter PSK-31.

What are others experiencing on 10 meters this year?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Tuesday, June 01, 2010 10:31 AM
Subject: Re: [ic706] LDG Tuner

Jess, if you have your technician license, you should be taking advantage of the E-skip season we are in right now. Starts every may. E-skip on 6 and 10. If my memory is correct technicians are allowed on 10 below 28.500 in Texas most action is between 7pm and 10pm. I can give you more info if your interested.there may be some on 2 m ssb as well.
Happy QSO'ing. Mike R

Sent from my pocket communicator

On May 31, 2010, at 11:28 PM, "Jess Rogers" <jessadr@...> wrote:

I got a AT-200Pro ordered be in Weds. Now I got to learn something about antennas. Going to put one in the attic first I guess. Also started on my General studies with computer lesson disks.
Thanks for all your info on this group.
It really helps the new guys to this hobby.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18024. Re: Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-01 23:44:00 UTC
From: jb
Topic: 17997  Message: 18024

Hi Moses,
If yours is an early 'g' model it may not have the DSP. It was sold as an option for a while and then became standard. Pop the hood and see if it is installed or, better yet, does the DSP indicator come on when you turn the filters on in the S4 menu?

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Moses <moses@...> wrote:
>
> Hello,
>
> I have an Icom 706MKIIG.. never really used it on HF until recently
> (just upgraded to General) and I noticed the DSP/Noise reduction isn't
> really working. When I turn either the ANF or the NR on, the radio goes
> into 'mute'. I can still hear faint audio if I crank up the volume
> almost all the way up. Mode doesn't make a difference, AM/FM/WFM/SSB,
> neither does the noise reduction level, all work the same way. I tried
> another 706 at HRO and the noise reduction was working properly on their
> unit.
>
> I checked all the connections to the factory installed UT-106 module,
> even checked continuity on all the cabled including the flat board to
> board connector, no luck. I tried resetting the rig as well. Web
> searches didn't get me any fixes, although I did find a youtube video
> detailing the same exact problem.
>
> Anyone heard of this failure before? Anything else I can check? Is my
> DSP unit just bad? Anyone have a working UT-106 board they want to
> sell/trade?
>
> Thank you for any help!
>
> Regards,
> -Moses
>

# 18025. Re: [ic706] Re: Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-02 00:46:38 UTC
From: Moses
Topic: 17997  Message: 18025

Hi JB,

Yes, it indeed does have the DSP unit factory installed (UT-106). I
checked all the wiring to it as well. Guess its time to buy one and find
out if it is in fact a bad DSP, hopefully its just the module at this
point and not something on the main board itself.
Icom repair stated that it is not a serviceable part (the UT-106 module
itself), I checked it physically without removing any of the shields,
nothing appears appears loose or broken.

So.. anyone have an extra UT-106 they would be willing to sell?

73
-Moses

On 6/1/2010 4:44 PM, jb wrote:
> Hi Moses,
> If yours is an early 'g' model it may not have the DSP. It was sold as an option for a while and then became standard. Pop the hood and see if it is installed or, better yet, does the DSP indicator come on when you turn the filters on in the S4 menu?
>
> God bless
> 73
> jb
> kg6biw
>
> --- In ic706@yahoogroups.com, Moses<moses@...> wrote:
>
>> Hello,
>>
>> I have an Icom 706MKIIG.. never really used it on HF until recently
>> (just upgraded to General) and I noticed the DSP/Noise reduction isn't
>> really working. When I turn either the ANF or the NR on, the radio goes
>> into 'mute'. I can still hear faint audio if I crank up the volume
>> almost all the way up. Mode doesn't make a difference, AM/FM/WFM/SSB,
>> neither does the noise reduction level, all work the same way. I tried
>> another 706 at HRO and the noise reduction was working properly on their
>> unit.
>>
>> I checked all the connections to the factory installed UT-106 module,
>> even checked continuity on all the cabled including the flat board to
>> board connector, no luck. I tried resetting the rig as well. Web
>> searches didn't get me any fixes, although I did find a youtube video
>> detailing the same exact problem.
>>
>> Anyone heard of this failure before? Anything else I can check? Is my

>> DSP unit just bad? Anyone have a working UT-106 board they want to
>> sell/trade?
>>
>> Thank you for any help!
>>
>> Regards,
>> -Moses
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

# 18026. Re: [ic706] Re: Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-02 01:46:30 UTC
From: Mike Rodgers
Topic: 17997  Message: 18026

I wouldn't pay a.lot of money for another one because it's just not that good of a dsp. It does help some but you get distortion over level 3. Find someone with a 706 working dsp and make your own mind. Mike R

Sent from my pocket communicator

On Jun 1, 2010, at 7:46 PM, Moses <moses@neonixie.com> wrote:

Hi JB,

Yes, it indeed does have the DSP unit factory installed (UT-106). I
checked all the wiring to it as well. Guess its time to buy one and find
out if it is in fact a bad DSP, hopefully its just the module at this
point and not something on the main board itself.
Icom repair stated that it is not a serviceable part (the UT-106 module
itself), I checked it physically without removing any of the shields,
nothing appears appears loose or broken.

So.. anyone have an extra UT-106 they would be willing to sell?

73
-Moses

On 6/1/2010 4:44 PM, jb wrote:
> Hi Moses,
> If yours is an early 'g' model it may not have the DSP. It was sold as an option for a while and then became standard. Pop the hood and see if it is installed or, better yet, does the DSP indicator come on when you turn the filters on in the S4 menu?
>
> God bless
> 73
> jb
> kg6biw
>
> --- In ic706@yahoogroups.com, Moses<moses@...> wrote:
>
>> Hello,
>>
>> I have an Icom 706MKIIG.. never really used it on HF until recently
>> (just upgraded to General) and I noticed the DSP/Noise reduction isn't
>> really working. When I turn either the ANF or the NR on, the radio goes
>> into 'mute'. I can still hear faint audio if I crank up the volume
>> almost all the way up. Mode doesn't make a difference, AM/FM/WFM/SSB,
>> neither does the noise reduction level, all work the same way. I tried
>> another 706 at HRO and the noise reduction was working properly on their
>> unit.
>>

>> I checked all the connections to the factory installed UT-106 module,
>> even checked continuity on all the cabled including the flat board to
>> board connector, no luck. I tried resetting the rig as well. Web
>> searches didn't get me any fixes, although I did find a youtube video
>> detailing the same exact problem.
>>
>> Anyone heard of this failure before? Anything else I can check? Is my
>> DSP unit just bad? Anyone have a working UT-106 board they want to
>> sell/trade?
>>
>> Thank you for any help!
>>
>> Regards,
>> -Moses
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

# 18027. Re: [ic706] LDG Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-02 01:54:45 UTC
From: Mike Rodgers
Topic: 275  Message: 18027

Larry, the geomagnetic storms are putting a fly in the ointment. Band is open now here in Texas from about 7pm till 10 but not every night. Last year I noticed improved conditions before a front arrived. It seems on the 10m group that the guys around Atlanta,ga are getting the best play.
Mike R

Sent from my pocket communicator

On Jun 1, 2010, at 9:51 AM, "Larry J. Ford" <lford@...> wrote:

US-licensed Techs have phone privileges on 10 meters between 28.300 MHz and 28.500 MHz, not only in Texas but as far as propagation will take your signal!

I worked the heck out of it last year on a simple 10-meter dipole up about 20 feet, had a blast, and it gave me the motivation to go ahead and upgrade to General in June last year.

However, I've been checking the band regularly over the past month or so, and it seems the band is not open as much as it was this time last year, at least here in SWNC, so I've been spending most of my time on 20 meter PSK-31.

What are others experiencing on 10 meters this year?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Tuesday, June 01, 2010 10:31 AM
Subject: Re: [ic706] LDG Tuner

Jess, if you have your technician license, you should be taking advantage of the E-skip season we are in right now. Starts every may. E-skip on 6 and 10. If my memory is correct technicians are allowed on 10 below 28.500 in Texas most action is between 7pm and 10pm. I can give you more info if your interested.there may be some on 2 m ssb as well.
Happy QSO'ing. Mike R

Sent from my pocket communicator

On May 31, 2010, at 11:28 PM, "Jess Rogers" <jessadr@...> wrote:

I got a AT-200Pro ordered be in Weds. Now I got to learn something about antennas. Going to put one in the attic first I guess. Also started on my General studies with computer lesson disks.
Thanks for all your info on this group.
It really helps the new guys to this hobby.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18028. Re: [ic706] LDG Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-02 14:08:10 UTC
From: Larry J. Ford
Topic: 275  Message: 18028

Is there a specific frequency that the Atlanta guys hang out on?

I'm about 100 miles NE of ATL (as the crow flies), but with some mountains in between, so probably couldn't hear them on groundwave and probably too short for skip unless the band is really short.

I did work a station in NJ on 17 meters last night, but 10 was dead at my QTH.

The most interesting event of the evening was copying a sailboat anchored at the Galapagos Islands, relaying a medical request from another boat to the Maritime Mobile Net on 14.300 MHz.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Tuesday, June 01, 2010 9:54 PM
Subject: Re: [ic706] LDG Tuner

Larry, the geomagnetic storms are putting a fly in the ointment. Band is open now here in Texas from about 7pm till 10 but not every night. Last year I noticed improved conditions before a front arrived. It seems on the 10m group that the guys around Atlanta,ga are getting the best play.
Mike R

Sent from my pocket communicator

On Jun 1, 2010, at 9:51 AM, "Larry J. Ford" <lford@...> wrote:

US-licensed Techs have phone privileges on 10 meters between 28.300 MHz and 28.500 MHz, not only in Texas but as far as propagation will take your signal!

I worked the heck out of it last year on a simple 10-meter dipole up about 20 feet, had a blast, and it gave me the motivation to go ahead and upgrade to General in June last year.

However, I've been checking the band regularly over the past month or so, and it seems the band is not open as much as it was this time last year, at least here in SWNC, so I've been spending most of my time on 20 meter PSK-31.

What are others experiencing on 10 meters this year?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com

Sent: Tuesday, June 01, 2010 10:31 AM
Subject: Re: [ic706] LDG Tuner

Jess, if you have your technician license, you should be taking advantage of the E-skip season we are in right now. Starts every may. E-skip on 6 and 10. If my memory is correct technicians are allowed on 10 below 28.500 in Texas most action is between 7pm and 10pm. I can give you more info if your interested.there may be some on 2 m ssb as well.
Happy QSO'ing. Mike R

Sent from my pocket communicator

On May 31, 2010, at 11:28 PM, "Jess Rogers" <jessadr@...> wrote:

I got a AT-200Pro ordered be in Weds. Now I got to learn something about antennas. Going to put one in the attic first I guess. Also started on my General studies with computer lesson disks.
Thanks for all your info on this group.
It really helps the new guys to this hobby.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18029. Re: Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-02 20:12:30 UTC
From: jb
Topic: 17997  Message: 18029

Yeah, Moses,
I agree with Mike. It works but not as well as I had expected. There was some dissapointment there. I got a lot more performance out of a Clear Speach speaker. Apart from the DSP being in the IF circuit,it really is the ticket. If you are having to shell out some money, I'd definately go that way. Most accounts have it that the one from West Mountain Radio perform closest to the original from AmComm. A good thing.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I wouldn't pay a.lot of money for another one because it's just not that good of a dsp. It does help some but you get distortion over level 3. Find someone with a 706 working dsp and make your own mind. Mike R
>
> Sent from my pocket communicator
>
> On Jun 1, 2010, at 7:46 PM, Moses <moses@...> wrote:
>
> Hi JB,
>
> Yes, it indeed does have the DSP unit factory installed (UT-106). I
> checked all the wiring to it as well. Guess its time to buy one and find
> out if it is in fact a bad DSP, hopefully its just the module at this
> point and not something on the main board itself.
> Icom repair stated that it is not a serviceable part (the UT-106 module
> itself), I checked it physically without removing any of the shields,
> nothing appears appears loose or broken.
>
> So.. anyone have an extra UT-106 they would be willing to sell?
>
> 73
> -Moses
>
> On 6/1/2010 4:44 PM, jb wrote:
> > Hi Moses,
> > If yours is an early 'g' model it may not have the DSP. It was sold as an option for a while and then became standard. Pop the hood and see if it is installed or, better yet, does the DSP indicator come on when you turn the filters on in the S4 menu?
> >
> > God bless
> > 73

> > jb
> > kg6biw
> >
> > --- In ic706@yahoogroups.com, Moses<moses@> wrote:
> >
> >> Hello,
> >>
> >> I have an Icom 706MKIIG.. never really used it on HF until recently
> >> (just upgraded to General) and I noticed the DSP/Noise reduction isn't
> >> really working. When I turn either the ANF or the NR on, the radio goes
> >> into 'mute'. I can still hear faint audio if I crank up the volume
> >> almost all the way up. Mode doesn't make a difference, AM/FM/WFM/SSB,
> >> neither does the noise reduction level, all work the same way. I tried
> >> another 706 at HRO and the noise reduction was working properly on their
> >> unit.
> >>
> >> I checked all the connections to the factory installed UT-106 module,
> >> even checked continuity on all the cabled including the flat board to
> >> board connector, no luck. I tried resetting the rig as well. Web
> >> searches didn't get me any fixes, although I did find a youtube video
> >> detailing the same exact problem.
> >>
> >> Anyone heard of this failure before? Anything else I can check? Is my
> >> DSP unit just bad? Anyone have a working UT-106 board they want to
> >> sell/trade?
> >>
> >> Thank you for any help!
> >>
> >> Regards,
> >> -Moses
> >>
> >>
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> >
>
>
>
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

# 18030. Re: Bad DSP noise reduction board? UT-106

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-03 09:32:39 UTC
From: Mike Rodgers
Topic: 17997  Message: 18030

One thing I thought of is the notch filter and I can't remember if that's part of the dsp. I have used that to remove tuner-upers but I can't comment how it works for on cw. Mike R

Sent from my pocket communicator

# 18031. IC 706 Face plate

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-05 00:09:22 UTC
From: kt4kl
Topic: 18031  Message: 18031

I am looking for a new face plate for an original IC 706, can anyone help ?

# 18032. SSB power drops off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-06 16:38:17 UTC
From: olemancubkohler
Topic: 18032  Message: 18032

MY 706MKII ser.# 06715 w/o DSP, works great on FM & AM but, on SSB it puts out 100W. when I first start talking & then slowly keeps dropping to about 20w., all with in 5-7 sec, on the next tranmission it does it all over a again, the swr is flat, one thing I did notice that the fan does not run on key up but, runs after I start talking, has anyone else run into this, Merv ka8pgw

# 18033. Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-07 06:42:27 UTC
From: ve2vxt
Topic: 18033  Message: 18033

Hello everyone,

I wolud like to have a duplexer for my 706MKIIG, maybe someone in the group have a suggestion...

What is the best, CF-530 or CF-706A, I know the specs are a little bit different but I whant to know your oppinion?

Thank you.
Eric VE7YBC

# 18034. Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-07 11:16:32 UTC
From: Dale
Topic: 18033  Message: 18034

I would go for the CF-530.

Based on Comet's web page, there's less loss and you can you more power on the CF-530 than the CF-706A.

73,

Dale KC8HQS

--- In ic706@yahoogroups.com, "ve2vxt" <ericvin@...> wrote:
>
> Hello everyone,
>
> I wolud like to have a duplexer for my 706MKIIG, maybe someone in the group have a suggestion...
>
> What is the best, CF-530 or CF-706A, I know the specs are a little bit different but I whant to know your oppinion?
>
> Thank you.
> Eric VE7YBC
>

# 18035. Re: [ic706] SSB power drops off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-07 20:30:18 UTC
From: Deacon Dave
Topic: 18032  Message: 18035

How are you measuring Peak Power? it is a very difficult measurement to make.

----- Original Message -----
From: olemancubkohler
To: ic706@yahoogroups.com
Sent: Sunday, June 06, 2010 12:38 PM
Subject: [ic706] SSB power drops off

MY 706MKII ser.# 06715 w/o DSP, works great on FM & AM but, on SSB it puts out 100W. when I first start talking & then slowly keeps dropping to about 20w., all with in 5-7 sec, on the next tranmission it does it all over a again, the swr is flat, one thing I did notice that the fan does not run on key up but, runs after I start talking, has anyone else run into this, Merv ka8pgw

[Non-text portions of this message have been removed]

# 18036. Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-07 20:44:18 UTC
From: jb
Topic: 18033  Message: 18036

Hi Eric,
If you are wanting to separate the 6 meter frequencies to a different antenna then the cf-706a is what you need. The cf-530 will not do that.

Now, if you want to send the 6 meter freqs to a triband together with VHF & UHF, then the cf-530c is needed along with the cf-706a.

It works but I would suggest using a separate antenna for 6 meters, especially if your interest is strong for that band. You will get better performance on 6 meters.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "ve2vxt" <ericvin@...> wrote:
>
> Hello everyone,
>
> I wolud like to have a duplexer for my 706MKIIG, maybe someone in the group have a suggestion...
>
> What is the best, CF-530 or CF-706A, I know the specs are a little bit different but I whant to know your oppinion?
>
> Thank you.
> Eric VE7YBC
>

# 18037. RE: [ic706] Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-07 21:08:14 UTC
From: Eric Vincent
Topic: 18033  Message: 18037

Hello JB,

I already have a GP15 triband antenna for VHF/UHF and 6m, my intention was to use a simple switch antenna before the duplexer to feed my HF antenna.

I don't have any tower at home, all of my antenna are mounted on my chimney. For that reason I would like to have a basic set-up but a good one.

73' Eric VE7YBC

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of jb
Sent: Monday, June 07, 2010 1:44 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Duplexer for IC-706MKIIG

Hi Eric,
If you are wanting to separate the 6 meter frequencies to a different antenna then the cf-706a is what you need. The cf-530 will not do that.

Now, if you want to send the 6 meter freqs to a triband together with VHF & UHF, then the cf-530c is needed along with the cf-706a.

It works but I would suggest using a separate antenna for 6 meters, especially if your interest is strong for that band. You will get better performance on 6 meters.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "ve2vxt" <ericvin@...> wrote:
>
> Hello everyone,
>
> I wolud like to have a duplexer for my 706MKIIG, maybe someone in the group have a suggestion...
>
> What is the best, CF-530 or CF-706A, I know the specs are a little bit different but I whant to know your oppinion?
>
> Thank you.
> Eric VE7YBC
>

[Non-text portions of this message have been removed]

# 18038. Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-08 08:27:51 UTC
From: vk5zuc
Topic: 18033  Message: 18038

Eric,
I have used the cf-706 with both the IC706 and FT100D on a GP15 with good results for years. The GP15 is a little narrow on 6m though.
Andrew

--- In ic706@yahoogroups.com, "Eric Vincent" <ericvin@...> wrote:
>
> Hello JB,
>
>
>
> I already have a GP15 triband antenna for VHF/UHF and 6m, my intention was
> to use a simple switch antenna before the duplexer to feed my HF antenna.
>
> I don't have any tower at home, all of my antenna are mounted on my chimney.
> For that reason I would like to have a basic set-up but a good one.
>
>
>
> 73' Eric VE7YBC
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of jb
> Sent: Monday, June 07, 2010 1:44 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: Duplexer for IC-706MKIIG
>
>
>
>
>
> Hi Eric,
> If you are wanting to separate the 6 meter frequencies to a different
> antenna then the cf-706a is what you need. The cf-530 will not do that.
>
> Now, if you want to send the 6 meter freqs to a triband together with VHF &
> UHF, then the cf-530c is needed along with the cf-706a.
>
> It works but I would suggest using a separate antenna for 6 meters,
> especially if your interest is strong for that band. You will get better
> performance on 6 meters.
>
> God bless
> 73

> jb
> kg6biw
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "ve2vxt"
> <ericvin@> wrote:
> >
> > Hello everyone,
> >
> > I wolud like to have a duplexer for my 706MKIIG, maybe someone in the
> group have a suggestion...
> >
> > What is the best, CF-530 or CF-706A, I know the specs are a little bit
> different but I whant to know your oppinion?
> >
> > Thank you.
> > Eric VE7YBC
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18039. Re: SSB power drops off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-08 10:44:30 UTC
From: phil_ad5x
Topic: 18032  Message: 18039

20-25% of max power is about right for SSB when you measure power with a typical SWR/wattmeter. You need a true peak reading wattmeter to accurately measure peak SSB power. A true peak reading wattmeter has a DC-powered peak detector circuit.

Some unpowered SWR/wattmeters claim to read peak power, but they just have a large capacitor that you can switch in for the peak power reading measurment (my Diamond SX-1000 does this). This really just shows average power without a lot of meter wiggling - though the large capacitor can be initially charged to a higher voltage with a high initial power pulse. The IC-706MKII puts out a very high initial power pulse (I measure 140 watts on my IC-706MKII) and this may be what is first charging a capacitor, but then the capacitor discharges to the average power after the ALC in the radio takes control and holds the power to about 100 watts.

Phil - AD5X

--- In ic706@yahoogroups.com, "olemancubkohler" <merub@...> wrote:
>
> MY 706MKII ser.# 06715 w/o DSP, works great on FM & AM but, on SSB it puts out 100W. when I first start talking & then slowly keeps dropping to about 20w., all with in 5-7 sec, on the next tranmission it does it all over a again, the swr is flat, one thing I did notice that the fan does not run on key up but, runs after I start talking, has anyone else run into this, Merv ka8pgw
>

# 18040. Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-08 18:19:44 UTC
From: jb
Topic: 18033  Message: 18040

I too used a triband and used this duplexer combo arrangement to take 6 meters off the HF side and feed the triband antenna. My screwdriver HF antenna will not get up to 6 meters. I also wanted to avoid too many antennas on my jeep (hf, vhf/uhf/6meters, cb, radio). It was starting to look like a porcupine. =)

With this you will not need a switch. Although a switch may be a bit cheaper, dual duplexers is bonehead proof. Forgetting to have the switch in the right position might have expensive consequenses. Being new to Ham at the time, I was sure I'd screw that up at least once.

But, like I mentioned, if you really want to work 6 meters I would feed to a separate antenna. That tribander is a huge compromise, no matter what brand, that, being a base station, you probably don't need. I even ended up getting a dedicated 6 meter antenna for the jeep and switching to a dualbander for vhf/uhf, thus eliminating the cf-530c (used it on another car). Like CB, I don't use 6 meters very much and store the whips til I need it. VHF/UHF bands should like the dualbander a little better as well.

Just my 2 cents.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "Eric Vincent" <ericvin@...> wrote:
>
> Hello JB,
>
>
>
> I already have a GP15 triband antenna for VHF/UHF and 6m, my intention was
> to use a simple switch antenna before the duplexer to feed my HF antenna.
>
> I don't have any tower at home, all of my antenna are mounted on my chimney.
> For that reason I would like to have a basic set-up but a good one.
>
>
>
> 73' Eric VE7YBC
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of jb
> Sent: Monday, June 07, 2010 1:44 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: Duplexer for IC-706MKIIG

>
>
>
>
>
> Hi Eric,
> If you are wanting to separate the 6 meter frequencies to a different
> antenna then the cf-706a is what you need. The cf-530 will not do that.
>
> Now, if you want to send the 6 meter freqs to a triband together with VHF &
> UHF, then the cf-530c is needed along with the cf-706a.
>
> It works but I would suggest using a separate antenna for 6 meters,
> especially if your interest is strong for that band. You will get better
> performance on 6 meters.
>
> God bless
> 73
> jb
> kg6biw
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "ve2vxt"
> <ericvin@> wrote:
> >
> > Hello everyone,
> >
> > I wolud like to have a duplexer for my 706MKIIG, maybe someone in the
> group have a suggestion...
> >
> > What is the best, CF-530 or CF-706A, I know the specs are a little bit
> different but I whant to know your oppinion?
> >
> > Thank you.
> > Eric VE7YBC
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18041. RE: [ic706] Re: Duplexer for IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-08 18:30:59 UTC
From: Eric Vincent
Topic: 18033  Message: 18041

Hello everyone,

Thank you for your reply, my choice is done and I bought a CF-530 this morning.

I will let you know my reports later.

73' Eric VE7YBC

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of jb
Sent: Tuesday, June 08, 2010 11:20 AM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Duplexer for IC-706MKIIG

I too used a triband and used this duplexer combo arrangement to take 6 meters off the HF side and feed the triband antenna. My screwdriver HF antenna will not get up to 6 meters. I also wanted to avoid too many antennas on my jeep (hf, vhf/uhf/6meters, cb, radio). It was starting to look like a porcupine. =)

With this you will not need a switch. Although a switch may be a bit cheaper, dual duplexers is bonehead proof. Forgetting to have the switch in the right position might have expensive consequenses. Being new to Ham at the time, I was sure I'd screw that up at least once.

But, like I mentioned, if you really want to work 6 meters I would feed to a separate antenna. That tribander is a huge compromise, no matter what brand, that, being a base station, you probably don't need. I even ended up getting a dedicated 6 meter antenna for the jeep and switching to a dualbander for vhf/uhf, thus eliminating the cf-530c (used it on another car). Like CB, I don't use 6 meters very much and store the whips til I need it. VHF/UHF bands should like the dualbander a little better as well.

Just my 2 cents.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "Eric Vincent" <ericvin@...> wrote:
>
> Hello JB,
>
>
>

> I already have a GP15 triband antenna for VHF/UHF and 6m, my intention was
> to use a simple switch antenna before the duplexer to feed my HF antenna.
>
> I don't have any tower at home, all of my antenna are mounted on my
chimney.
> For that reason I would like to have a basic set-up but a good one.
>
>
>
> 73' Eric VE7YBC
>
>
>
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf
Of jb
> Sent: Monday, June 07, 2010 1:44 PM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] Re: Duplexer for IC-706MKIIG
>
>
>
>
>
>
> Hi Eric,
> If you are wanting to separate the 6 meter frequencies to a different
> antenna then the cf-706a is what you need. The cf-530 will not do that.
>
> Now, if you want to send the 6 meter freqs to a triband together with VHF
&
> UHF, then the cf-530c is needed along with the cf-706a.
>
> It works but I would suggest using a separate antenna for 6 meters,
> especially if your interest is strong for that band. You will get better
> performance on 6 meters.
>
> God bless
> 73
> jb
> kg6biw
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> , "ve2vxt"
> <ericvin@> wrote:
> >
> > Hello everyone,
> >
> > I wolud like to have a duplexer for my 706MKIIG, maybe someone in the
> group have a suggestion...
> >

> > What is the best, CF-530 or CF-706A, I know the specs are a little bit
> different but I whant to know your oppinion?
> >
> > Thank you.
> > Eric VE7YBC
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18042. Re: [ic706] Re: SSB power drops off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 00:54:16 UTC
From: Mike Rodgers
Topic: 18032  Message: 18042

I would like to echo what Phil said. On initial key up the 706 has a 100 or some have reported as much as 140w spike. This is the way the designers did the alc. This can be a problem if you want to use some solid state amps, that may trigger the swr protection circuitry of the amp.
Before I got my palstar tuner with peak hold wattmeter, I had to deal with the same dilema. You want to see your 100w radio do 100w right?
One problem is a analog meter movement just can't react fast enough.
The approach I took was if the 706 would do 40 on am and 100 cw,rtty,fm then everything was fine and my diamond wattmeter would show 30,35, maybe 40 at times on ssb. If you have a meter with a 30w scale you should see big swings and if so it's working right. I have found you may need a little more mic gain than alc indicates with my deep voice.
Happy QSO'ing. Mike R

Sent from my pocket communicator

On Jun 8, 2010, at 5:44 AM, "phil_ad5x" <ad5x@arrl.net> wrote:

20-25% of max power is about right for SSB when you measure power with a typical SWR/wattmeter. You need a true peak reading wattmeter to accurately measure peak SSB power. A true peak reading wattmeter has a DC-powered peak detector circuit.

Some unpowered SWR/wattmeters claim to read peak power, but they just have a large capacitor that you can switch in for the peak power reading measurment (my Diamond SX-1000 does this). This really just shows average power without a lot of meter wiggling - though the large capacitor can be initially charged to a higher voltage with a high initial power pulse. The IC-706MKII puts out a very high initial power pulse (I measure 140 watts on my IC-706MKII) and this may be what is first charging a capacitor, but then the capacitor discharges to the average power after the ALC in the radio takes control and holds the power to about 100 watts.

Phil - AD5X

--- In ic706@yahoogroups.com, "olemancubkohler" <merub@...> wrote:
>
> MY 706MKII ser.# 06715 w/o DSP, works great on FM & AM but, on SSB it puts out 100W. when I first start talking & then slowly keeps dropping to about 20w., all with in 5-7 sec, on the next tranmission it does it all over a again, the swr is flat, one thing I did notice that the fan does not run on key up but, runs after I start talking, has anyone else run into this, Merv ka8pgw
>

[Non-text portions of this message have been removed]

# 18043. FS: IC-706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 02:48:14 UTC
From: David F. Reed
Topic: 18043  Message: 18043

I have an older IC-706 Mk II, the one without 2m and 70 cm if I recall correctly that I would like to sell fairly inexpensively; I have no microphone, mounting bracket nor power cord for it, and I have not run it in 4 years (it was running fine then).

Any idea what such a thing is worth, or interest in it?

Thanks and 73 de Dave, W5SV

Please reply directly to me at: w5sv.dave@...

[Non-text portions of this message have been removed]

# 18044. Re: [ic706] FS: IC-706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 04:20:38 UTC
From: Ron K7CDL
Topic: 18043  Message: 18044

it has 2m, here is information on it
http://www.universal-radio.com/catalog/hamhf/706MkII.html

--- On Tue, 6/8/10, David F. Reed <w5sv.dave@...> wrote:

From: David F. Reed <w5sv.dave@...>
Subject: [ic706] FS: IC-706 MkII
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, June 8, 2010, 7:48 PM

I have an older IC-706 Mk II, the one without 2m and 70 cm if I recall

correctly that I would like to sell fairly inexpensively; I have no

microphone, mounting bracket nor power cord for it, and I have not run

it in 4 years (it was running fine then).

Any idea what such a thing is worth, or interest in it?

Thanks and 73 de Dave, W5SV

Please reply directly to me at: w5sv.dave@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18045. Re: [ic706] FS: IC-706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 05:04:54 UTC
From: Jess Rogers
Topic: 18043  Message: 18045

I would be intrested can you put a price on it ?

----- Original Message -----
From: Ron K7CDL
To: ic706@yahoogroups.com
Sent: Tuesday, June 08, 2010 11:20 PM
Subject: Re: [ic706] FS: IC-706 MkII

it has 2m, here is information on it
http://www.universal-radio.com/catalog/hamhf/706MkII.html

--- On Tue, 6/8/10, David F. Reed <w5sv.dave@...> wrote:

From: David F. Reed <w5sv.dave@...>
Subject: [ic706] FS: IC-706 MkII
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, June 8, 2010, 7:48 PM

I have an older IC-706 Mk II, the one without 2m and 70 cm if I recall

correctly that I would like to sell fairly inexpensively; I have no

microphone, mounting bracket nor power cord for it, and I have not run

it in 4 years (it was running fine then).

Any idea what such a thing is worth, or interest in it?

Thanks and 73 de Dave, W5SV

Please reply directly to me at: w5sv.dave@...

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18046. Re: SSB power drops off

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 13:26:24 UTC
From: olemancubkohler
Topic: 18032  Message: 18046

> > I did some more testing & also now have two meters inline, when I call CQ for about 10sec. the the power starts to fade & when I whistle in the mic about 10watts is all does, wait about 15sec & it does it all over again, Merv ka8pgw

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I would like to echo what Phil said. On initial key up the 706 has a 100 or some have reported as much as 140w spike. This is the way the designers did the alc. This can be a problem if you want to use some solid state amps, that may trigger the swr protection circuitry of the amp.
> Before I got my palstar tuner with peak hold wattmeter, I had to deal with the same dilema. You want to see your 100w radio do 100w right?
> One problem is a analog meter movement just can't react fast enough.
> The approach I took was if the 706 would do 40 on am and 100 cw,rtty,fm then everything was fine and my diamond wattmeter would show 30,35, maybe 40 at times on ssb. If you have a meter with a 30w scale you should see big swings and if so it's working right. I have found you may need a little more mic gain than alc indicates with my deep voice.
> Happy QSO'ing. Mike R
>
> Sent from my pocket communicator
>
> On Jun 8, 2010, at 5:44 AM, "phil_ad5x" <ad5x@...> wrote:
>
> 20-25% of max power is about right for SSB when you measure power with a typical SWR/wattmeter. You need a true peak reading wattmeter to accurately measure peak SSB power. A true peak reading wattmeter has a DC-powered peak detector circuit.
>
> Some unpowered SWR/wattmeters claim to read peak power, but they just have a large capacitor that you can switch in for the peak power reading measurment (my Diamond SX-1000 does this). This really just shows average power without a lot of meter wiggling - though the large capacitor can be initially charged to a higher voltage with a high initial power pulse. The IC-706MKII puts out a very high initial power pulse (I measure 140 watts on my IC-706MKII) and this may be what is first charging a capacitor, but then the capacitor discharges to the average power after the ALC in the radio takes control and holds the power to about 100 watts.
>
> Phil - AD5X
>
> --- In ic706@yahoogroups.com, "olemancubkohler" <merub@> wrote:
> >
> > MY 706MKII ser.# 06715 w/o DSP, works great on FM & AM but, on SSB it puts out 100W. when I first start talking & then slowly keeps dropping to about 20w., all with in 5-7 sec, on the next tranmission it does it all over a again, the swr is flat, one thing I did notice that the fan does not run on key up but, runs after I start talking, has anyone else run into this, Merv ka8pgw

> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18047. Re: [ic706] FS: IC-706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 13:11:05 UTC
From: David F. Reed
Topic: 18043  Message: 18047

Jess,

thank you for your interest; I would like to get $450 for it, including
shipping.

73 de Dave, W5SV

On 6/9/10 12:04 AM, Jess Rogers wrote:
>
> I would be intrested can you put a price on it ?
>
> ----- Original Message -----
> From: Ron K7CDL
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tuesday, June 08, 2010 11:20 PM
> Subject: Re: [ic706] FS: IC-706 MkII
>
> it has 2m, here is information on it
> http://www.universal-radio.com/catalog/hamhf/706MkII.html
>
> --- On Tue, 6/8/10, David F. Reed <w5sv.dave@...
> <mailto:w5sv.dave%40gmail.com>> wrote:
>
> From: David F. Reed <w5sv.dave@... <mailto:w5sv.dave%40gmail.com>>
> Subject: [ic706] FS: IC-706 MkII
> To: "ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>"
> <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Date: Tuesday, June 8, 2010, 7:48 PM
>
> I have an older IC-706 Mk II, the one without 2m and 70 cm if I recall
>
> correctly that I would like to sell fairly inexpensively; I have no
>
> microphone, mounting bracket nor power cord for it, and I have not run
>
> it in 4 years (it was running fine then).
>
> Any idea what such a thing is worth, or interest in it?
>
> Thanks and 73 de Dave, W5SV
>
> Please reply directly to me at: w5sv.dave@...
> <mailto:w5sv.dave%40gmail.com>
>
> [Non-text portions of this message have been removed]
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18048. Fitting a 706IIG in an 08 plate Vauxhall Zafira B

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 18:21:06 UTC
From: Ivan Irlam
Topic: 18048  Message: 18048

Hi all,

This is probably a question for the UK members but I'm not sure where else this vehicle is available.

I need some advice fitting the 706IIG into the Zafira. I am wondering where to route the power lines and mount the main body of the rig.

I envisage having the remote head, mounted on a suction cup mount in the front somewhere.

Any advice greatly accepted. I'm sure someone must have done this before and I don't want to reinvent the wheel.

Thanks in advance.

Ivan (G7WLL)

[Non-text portions of this message have been removed]

# 18049. Re: [ic706] FS: IC-706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-09 18:19:13 UTC
From: David F. Reed
Topic: 18043  Message: 18049

Jess,

I am hoping to get $450 for it, shipping included in the continental US.

best 73 de Dave, W5SV

On 6/9/10 12:04 AM, Jess Rogers wrote:
>
> I would be intrested can you put a price on it ?
>
> ----- Original Message -----
> From: Ron K7CDL
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tuesday, June 08, 2010 11:20 PM
> Subject: Re: [ic706] FS: IC-706 MkII
>
> it has 2m, here is information on it
> http://www.universal-radio.com/catalog/hamhf/706MkII.html
>
> --- On Tue, 6/8/10, David F. Reed <w5sv.dave@...
> <mailto:w5sv.dave%40gmail.com>> wrote:
>
> From: David F. Reed <w5sv.dave@... <mailto:w5sv.dave%40gmail.com>>
> Subject: [ic706] FS: IC-706 MkII
> To: "ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>"
> <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Date: Tuesday, June 8, 2010, 7:48 PM
>
> I have an older IC-706 Mk II, the one without 2m and 70 cm if I recall
>
> correctly that I would like to sell fairly inexpensively; I have no
>
> microphone, mounting bracket nor power cord for it, and I have not run
>
> it in 4 years (it was running fine then).
>
> Any idea what such a thing is worth, or interest in it?
>
> Thanks and 73 de Dave, W5SV
>
> Please reply directly to me at: w5sv.dave@...
> <mailto:w5sv.dave%40gmail.com>
>

[Non-text portions of this message have been removed]

# 18050. Re: Fitting a 706IIG in an 08 plate Vauxhall Zafira B

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-10 13:50:07 UTC
From: kav246
Topic: 18048  Message: 18050

Ivan

I ain't done a Zafira but I've done a 93 Astra so some bits of this might be usefull.

The first thing you have to decide is how you want to use the set. If you want to go somewhere/park up/operate then put all the gear in a padded bag in the boot and set it up on the passenger seat when you get there.

If you want to operate mobile it's a whole different ball game. For a start I would forget the suction cup. I never yet found a good place for one and a 706 head aint no 60 gram phone. I did use 3m Duolock (Velcro on horse steroids) in previous vehicles with ample flat surfaces to bond too but this one didn't want to play that way. So I bit the bullet and screwed everything in. BEST THING I EVER DID!

I've used the little elbow type brackets that come with Nokia car kits. I can't recall the number but you'll find them on Fleabay for a couple of quid each. You screw them to the dash then fit your head unit mount plate to the side where the car kit ECU or cradle would go. If you're worried about screw holes then invest in one of the "no holes" plates available for every car and fit the mount to that.

Antenna mounts? Drill it! Again many folk including myself have had success with mag mounts and boot mounts but none were so good as the drilled mounts I have now. I use the Sirio SO239 top to "DV27" or "snail" type 90 deg coax plug. DO NOT use ready made cables. Buy quality plugs/mil spec cable and make your own. These mounts will hold the biggest V/UHF antennas no bother. I use a 7900 Watdiacometson haha and it never budges. You can also get a very strong matching Sirio SO239 - 3/8th adaptor which beats the tin ones. It won't support an HF whip mobile but works a treat when parked. For HF I'm stuck with a tri-mag. This will support an average HF monobander at motorway speed no problem. I've found they don't have enough capacitance for low bands but (only when stationary, for obvious reasons) tipping a bottle of water on the roof makes a heck of a difference. For 20m and up they are ideal. Another trick I used on a previous car was to fit the trimag with a short lead and plug it into one of the Sirio roof mounts nearby. Now that was an improvement. The last thing I would recomend is a remote tuner. Not the matching Icom (unless you already own it). If you can find a used LDG RT11 you're sorted. This may all sound scary but when you demount the porqupines and fit the weather caps the mounts don't look half bad.....honest.

Battery supply? Carry a spare!!!!! Its a cliche but you cant go wrong with an Optima. I found some 75 ahr ones on Ebay. Even there they ain't cheap but they just blow wet cells away. Besides, it's illegal to use wet cells in a Zafira due to gassing as the boot is part of the cabin so unless you can fit a spare in the engine bay you're scubered. So,get an Optima, get a battery box and strap it in properly. That way no one will choke and it wont squish someone in a collision! I also have a heavy(ish) DC feed from the starter battery back to the boot which can run the V/UHF and split charge the auxiliary if the solars (did I mention them?) aren't up to it. Finding your way from the bay to the cabin can only be done by you (or another Zaffy owner) but usually involves climbing all over/under/around the bay until you find the gift given unused grommet where the production robot or jig was

fixed and there you have it.

Now to the trim. Unless they've changed things all the Vauxhall trim panels have little round "dots" or "square groves" every few inches. These are screw covers. What I found was that most came out easily and so long as you noted the length (a very few are odd sizes and must be kept right) all went back in beautifully. The trick is to examine all the trim very carefully, identify all the fixing points first, then REMOVE THEM ALL before trying to release the panel. Be aware that adjoining panels often also have plastic overlaps which also need to be kept right in order for the screw holes to line up. Door and window trim edges may also be held in by sealing rubbers which need peeling back to release. Access to behind the dash area can be gained by removing radios, dash cubbys, glove boxes etc. Just take time and care in both preparation and actually doing the job and it will be OK. This Vauxhall is one of the easiest interiors I've dismantled.

Before you start any of this, sit in the car, with the head unit and try it in various positions till you find the right one. Then look at how you can fix it (Screws/bracket/3m etc). Then, and this is the important bit, find out where the b%**£y vehicle ECU is. I missed this bit and I've paid for it in noise ever since. In mine it's behind the dash above the passenger footwell obscured (hence missed) by the glove box frame. Guess where I ran the head control cable. I might move it one of these days but if you get it right first time YOU won't have to.

Anywho that got a stack longer than I intended it to. I hope it hasn't put you off and that you find some of it useful.

Kav

# 18051. mysteriously dead

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-10 15:59:38 UTC
From: Dave
Topic: 18051  Message: 18051

the 70cm portion (about a dozen channels/simplex and repeater) programmed into the IC-706MKIIG stopped working , no recieve and no transmit . they did work about a month ago which was the last time the control head was hooked up . the channel selected does show the frequency . the 2m and 6m frequencies programmed in all work and the C2 of 446.000 works . any ideas as to how this happened and how i can fix it ?

with much thanks in advance

dave
kd8zuz-ve3zuz

# 18052. Re: [ic706] mysteriously dead

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-10 16:44:30 UTC
From: Larry J. Ford
Topic: 18051  Message: 18052

Try cleaning the contacts on the control head interface. May not have anything to do with what's happening, but seems to be the first step recommended on a 706!

If that doesn't work, have you tried a "hard reset?" That will dump all your memory contents, but may clear the problem as well.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Thursday, June 10, 2010 11:59 AM
Subject: [ic706] mysteriously dead

the 70cm portion (about a dozen channels/simplex and repeater) programmed into the IC-706MKIIG stopped working , no recieve and no transmit . they did work about a month ago which was the last time the control head was hooked up . the channel selected does show the frequency . the 2m and 6m frequencies programmed in all work and the C2 of 446.000 works . any ideas as to how this happened and how i can fix it ?

with much thanks in advance

dave
kd8zuz-ve3zuz

[Non-text portions of this message have been removed]

# 18053. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-11 12:30:58 UTC
From: wa8ulx@aol.com
Topic: 18053  Message: 18053

http://ia64.countymarketpharmacy.net/?cid=c21

# 18054. Idiom Keyer

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-12 04:30:30 UTC
From: N0AG
Topic: 18054  Message: 18054

What is trick to connect idiom keyer to Ic-706MKIIG? This should be pretty simple...RCA jack to rig (1/4" stereo phono plug) but whatever configuration I use no E's or T's or perhaps should say all e's or all T's. Is there a setting in a menu I am missing?
Tnx, Tom...N0AG

# 18055. spam from WA8ULX

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-12 10:19:09 UTC
From: aceblaggard
Topic: 18053  Message: 18055

Chaps,

Apologies that this spam slipped through, WA8ULX is back on pre-moderation to stop another one reaching the list.
73
Paul G7PUV
Listowner

--- In ic706@yahoogroups.com, wa8ulx@... wrote:
>
SPAM
>

# 18056. RE: [ic706] Idiom Keyer

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-12 11:20:08 UTC
From: barry whittemore
Topic: 18054  Message: 18056

do you have the radio set to paddles mode? you need to set rig to straight key mode.
barry
WB1EDI

To: ic706@yahoogroups.com
From: n0ag@...
Date: Sat, 12 Jun 2010 04:30:30 +0000
Subject: [ic706] Idiom Keyer

What is trick to connect idiom keyer to Ic-706MKIIG? This should be pretty simple...RCA jack to rig (1/4" stereo phono plug) but whatever configuration I use no E's or T's or perhaps should say all e's or all T's. Is there a setting in a menu I am missing?

Tnx, Tom...N0AG

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5

[Non-text portions of this message have been removed]

# 18057. Bent Control Shaft on IC-706 MKII - How big a deal?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-13 01:00:50 UTC
From: Larry J. Ford
Topic: 18057  Message: 18057

Pulled the dust cover off the IC-706 MKII after not having used it in a while, and found the control shaft on which the concentric AF Gain (volume) and RF Gain/Squelch control knobs sit is bent downward, at an angle, and it impairs movement of the volume control.

Does any one know how bad a repair job I'm looking at?

I have been pleased with the service I got with ICOM Service Center - Michigan (SAR Technical Services), and will likely send it there for repair.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18058. Re: Bent Control Shaft on IC-706 MKII - How big a deal?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-13 15:38:07 UTC
From: EdwinB
Topic: 18057  Message: 18058

Larry, before sending it in for repair, why not first try to bend the shaft back with a pair of pliers? Be gentle as the brass shaft is not very malleable.

Regards,
Ed

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Pulled the dust cover off the IC-706 MKII after not having used it in a while, and found the control shaft on which the concentric AF Gain (volume) and RF Gain/Squelch control knobs sit is bent downward, at an angle, and it impairs movement of the volume control.
>
> Does any one know how bad a repair job I'm looking at?
>
> I have been pleased with the service I got with ICOM Service Center - Michigan (SAR Technical Services), and will likely send it there for repair.
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>

# 18059. Re: [ic706] Re: Bent Control Shaft on IC-706 MKII - How big a deal?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-13 16:12:22 UTC
From: Larry J. Ford
Topic: 18057  Message: 18059

Thought about that, but wasn't sure that it could be done, or that the"mechanically challenged" (me) could do that successfully.

The question is where to get a good grip on the shaft itself or do the knobs simply pull-off, exposing the shaft.

The shaft is bent such that the base of the outer-most knob has pulled away from the faceplate a bit, exposing a part of the shaft right at the base.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: EdwinB
To: ic706@yahoogroups.com
Sent: Sunday, June 13, 2010 11:38 AM
Subject: [ic706] Re: Bent Control Shaft on IC-706 MKII - How big a deal?

Larry, before sending it in for repair, why not first try to bend the shaft back with a pair of pliers? Be gentle as the brass shaft is not very malleable.

Regards,
Ed

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Pulled the dust cover off the IC-706 MKII after not having used it in a while, and found the control shaft on which the concentric AF Gain (volume) and RF Gain/Squelch control knobs sit is bent downward, at an angle, and it impairs movement of the volume control.
>
> Does any one know how bad a repair job I'm looking at?
>
> I have been pleased with the service I got with ICOM Service Center - Michigan (SAR Technical Services), and will likely send it there for repair.
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18060. Re: Bent Control Shaft on IC-706 MKII - How big a deal?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 12:34:53 UTC
From: johndm90
Topic: 18057  Message: 18060

Hello Larry,
The exact same thing happened to my 706.
I finally bit the bullet and just pushed upward on the knob on the center shaft slightly, a little bit at a time until it no longer rubbed the outer knob. It must be mounted solidly to the base as it never gave me a feeling that I was about to pry/push it loose. I wonder why I waited so long tolerating the rub?
73,
John
N5XYO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Thought about that, but wasn't sure that it could be done, or that the"mechanically challenged" (me) could do that successfully.
>
> The question is where to get a good grip on the shaft itself or do the knobs simply pull-off, exposing the shaft.
>
> The shaft is bent such that the base of the outer-most knob has pulled away from the faceplate a bit, exposing a part of the shaft right at the base.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: EdwinB
> To: ic706@yahoogroups.com
> Sent: Sunday, June 13, 2010 11:38 AM
> Subject: [ic706] Re: Bent Control Shaft on IC-706 MKII - How big a deal?
>
>
>
> Larry, before sending it in for repair, why not first try to bend the shaft back with a pair of pliers? Be gentle as the brass shaft is not very malleable.
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > Pulled the dust cover off the IC-706 MKII after not having used it in a while, and found the control shaft on which the concentric AF Gain (volume) and RF Gain/Squelch control knobs sit is bent downward, at an angle, and it impairs movement of the volume control.
> >
> > Does any one know how bad a repair job I'm looking at?

> >
> > I have been pleased with the service I got with ICOM Service Center - Michigan (SAR Technical Services), and will likely send it there for repair.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18061. Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 19:58:55 UTC
From: Jess Rogers
Topic: 18061  Message: 18061

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

# 18062. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 20:12:45 UTC
From: Larry Hedberg
Topic: 18061  Message: 18062

I use a Force 12 Sigma 5. (
http://www.texasantennas.com/index.php?option=com_content&view=article&id=94&Itemid=106 )
It is really a great antenna. I even take in to field day as it can be stored in a small bag.
I have worked over 50 countries in the past year with this antenna and my 706 on SSB and PSK-31..42
Larry KD6EUG

--- On Mon, 6/14/10, Jess Rogers <jessadr@...> wrote:

From: Jess Rogers <jessadr@...>
Subject: [ic706] Vertical
To: ic706@yahoogroups.com
Date: Monday, June 14, 2010, 12:58 PM

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.

I see the Hustler and Hygains priced reasonable.

Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18063. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 20:43:28 UTC
From: Jess Rogers
Topic: 18061  Message: 18063

Great I will check it out. Thanks for the reply. I read every post, to learn more from you guys
thanks
jess kd4bbp

off topic:
just got a real nice Kenwood TS-120S

Gear so far
Icom-706mkll
yaesu ft-2900r
kenwood ts-120s
heathkit hw-2036a w/ ps
kenwood ps- 30
ldg at-200pro
alinco dj-160 ht

----- Original Message -----
From: Larry Hedberg
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 3:12 PM
Subject: Re: [ic706] Vertical

I use a Force 12 Sigma 5. ( http://www.texasantennas.com/index.php?option=com_content&view=article&id=94&Itemid=106 )
It is really a great antenna. I even take in to field day as it can be stored in a small bag.
I have worked over 50 countries in the past year with this antenna and my 706 on SSB and PSK-31..42
Larry KD6EUG

--- On Mon, 6/14/10, Jess Rogers <jessadr@...> wrote:

From: Jess Rogers <jessadr@comcast.net>
Subject: [ic706] Vertical
To: ic706@yahoogroups.com
Date: Monday, June 14, 2010, 12:58 PM

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.

I see the Hustler and Hygains priced reasonable.

Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18064. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 20:51:27 UTC
From: Larry J. Ford
Topic: 18061  Message: 18064

You could make an elevated, groundplane vertical from a 102-inch stainless steel whip (commonly found at Rad Shack or CB stores) by trimming it to the desired frequency, adding 4 tuned radials, add an "RF choke balun," mount it up around 1/2 wavelength or so, and you're ready to go.

For that matter, a 10-meter 2-element yagi is not much more trouble.

The ARRL Antenna Book and articles on the ARRL web site contain lots of examples and info on either verticals or yagis.

Or, contact these folks who can make you a 10-meter groundplane vertical "kit" and send it to you for assembly: http://www.cycle-24.com ; talk to Stan ((870) 743-4027 or (870) 715-8228). He designed and put together all the components for a 20-meter groundplane antenna for me for $75.00, plus shipping.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jess Rogers
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 3:58 PM
Subject: [ic706] Vertical

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18065. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:00:28 UTC
From: Jess Rogers
Topic: 18061  Message: 18065

I have a 10 meter diople 15ft center
and a comet dual band vhf/uhf vert 20ft pole
the 3 element 10 meter beam and the 2 element quad looks good
I just got a wilson wr-500 rotor and control box. When it cools down some I will get something up higher.

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 3:51 PM
Subject: Re: [ic706] Vertical

You could make an elevated, groundplane vertical from a 102-inch stainless steel whip (commonly found at Rad Shack or CB stores) by trimming it to the desired frequency, adding 4 tuned radials, add an "RF choke balun," mount it up around 1/2 wavelength or so, and you're ready to go.

For that matter, a 10-meter 2-element yagi is not much more trouble.

The ARRL Antenna Book and articles on the ARRL web site contain lots of examples and info on either verticals or yagis.

Or, contact these folks who can make you a 10-meter groundplane vertical "kit" and send it to you for assembly: http://www.cycle-24.com ; talk to Stan ((870) 743-4027 or (870) 715-8228). He designed and put together all the components for a 20-meter groundplane antenna for me for $75.00, plus shipping.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jess Rogers
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 3:58 PM
Subject: [ic706] Vertical

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18066. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:12:52 UTC
From: Jeff Moore
Topic: 18061  Message: 18066

I acquired a Gap Titan DX vertical a while back and have been very impressed with it. It allowed me to work Japan, New Zealand, Australia, and a number of Central and South American countries on phone and digital modes. I like it because it doesn't require ground radials - it has a counterpoise that works very well!

Jeff Moore -- KE7ACY

----- Original Message ----- From: Jess Rogers

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18067. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:22:08 UTC
From: Jess Rogers
Topic: 18061  Message: 18067

just wondering do most hams use a beam, wire or vertical ?
I would guess wire antennas with tuners. does it make a difference. I am not a dx'er but would like to build ham friendships in Tenn.

----- Original Message -----
From: Jeff Moore
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 4:12 PM
Subject: Re: [ic706] Vertical

I acquired a Gap Titan DX vertical a while back and have been very impressed with it. It allowed me to work Japan, New Zealand, Australia, and a number of Central and South American countries on phone and digital modes. I like it because it doesn't require ground radials - it has a counterpoise that works very well!

Jeff Moore -- KE7ACY

----- Original Message ----- From: Jess Rogers

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18068. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:33:16 UTC
From: Joe Isabella
Topic: 18061  Message: 18068

x2 on the Titan. I ran one for several years with a 706, then later added a Kenwood TL-922 amp. In fact, I worked the ARRL 10m contest with that setup and did pretty well....

Joe, N3JI

Jeff Moore <tnetcenter@gmail.com> wrote:

>I acquired a Gap Titan DX vertical a while back and have been very impressed with it. It allowed me to work Japan, New Zealand, Australia, and a number of Central and South American countries on phone and digital modes. I like it because it doesn't require ground radials - it has a counterpoise that works very well!
>
>Jeff Moore -- KE7ACY
>
>----- Original Message ----- From: Jess Rogers
>
>
>
>
>
>
>
>
>
>Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
>I see the Hustler and Hygains priced reasonable.
>Jess KD4BBP
>
>[Non-text portions of this message have been removed]
>
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18069. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:40:04 UTC
From: Jack
Topic: 18061  Message: 18069

Jess I am not wealthy by any shape of the word but have been in the hobby long enough (24 years) to have acquired a few antennas I have dipoles, folded dipoles, beams on the tower, and a couple of verticals in the back yard but I do love my simple wire dipoles in fact I have one that I built that covers about every thing and it cost me a very little to build the center is 3/4" PVC sch 40 pipe 3 end caps and a tee with some stainless hard ware it is 8 wires (4 each direction off center). you can find it in most antenna books or on line Google multi band ham antenna.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jess Rogers" <jessadr@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 5:22 PM
Subject: Re: [ic706] Vertical

> just wondering do most hams use a beam, wire or vertical ?
> I would guess wire antennas with tuners. does it make a difference. I am
> not a dx'er but would like to build ham friendships in Tenn.
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com
> Sent: Monday, June 14, 2010 4:12 PM
> Subject: Re: [ic706] Vertical
>
>
>
> I acquired a Gap Titan DX vertical a while back and have been very
> impressed with it. It allowed me to work Japan, New Zealand, Australia,
> and a number of Central and South American countries on phone and digital
> modes. I like it because it doesn't require ground radials - it has a
> counterpoise that works very well!
>
> Jeff Moore -- KE7ACY
>
> ----- Original Message ----- From: Jess Rogers
>
> Which vertical antenna would good to order to be used with the 706 ? I
> can only use 10 meters at this time, but hope to have my general soon.
> I see the Hustler and Hygains priced reasonable.
> Jess KD4BBP
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18070. RE: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:44:29 UTC
From: barry whittemore
Topic: 18061  Message: 18070

There are many antennas that get used by hams around the world. The simple 1/2 wave dipole is a good antenna that can be made very easily and cheaply. I have vertical wires and dipoles for the low bands. The dipole is usually better for local/regional QSOs and the verticals are better for DX. If the dipoles are up high enough they are great as well for DX but its tough to get an 80 meter dipole up that high. high band antennas do not need to be as high to be effective DX antennas.
I have a TA33JR beam at 30 FT and wires for the other bands and have over 200 countries and have my 5BDXCC and 5BWAS awards, this was all done with 100 watts. Put up a wire antenna and get on the air. Get better antennas as you can.
I prefer single band antennas over multiband antennas.
Wire is cheap and effective.
73 and have fun.
Antennas are one area of Ham radio where home brew is alive and well.
Barry WB1EDI

To: ic706@yahoogroups.com
From: jessadr@...
Date: Mon, 14 Jun 2010 16:22:08 -0500
Subject: Re: [ic706] Vertical

just wondering do most hams use a beam, wire or vertical ?

I would guess wire antennas with tuners. does it make a difference. I am not a dx'er but would like to build ham friendships in Tenn.

----- Original Message -----

From: Jeff Moore

To: ic706@yahoogroups.com

Sent: Monday, June 14, 2010 4:12 PM

Subject: Re: [ic706] Vertical

I acquired a Gap Titan DX vertical a while back and have been very impressed with it. It allowed me to work Japan, New Zealand, Australia, and a number of Central and South American countries on phone and digital modes. I like it because it doesn't require ground radials - it has a counterpoise that works very well!

Jeff Moore -- KE7ACY

----- Original Message ----- From: Jess Rogers

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.

I see the Hustler and Hygains priced reasonable.

Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

_____
Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP
:042010_2

[Non-text portions of this message have been removed]

# 18071. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:52:42 UTC
From: Mike Rodgers
Topic: 18061  Message: 18071

Jess, I really depends on the band.
Most hams use wire. It's the most inexpensive if you roll your own. Verticals for other than ten meters are mostly used in small yards and those that have more than one antenna. Lots of folks have a tri band beam for 10/15/20 with other variations of beams and dipole add on kits as well.
There are many reports of happiness with the hustler verticals. Gap has a good following but their three times the price of a hustler. Man made noise is vertical and verticals tend to be more noisy.a wire is usually preffered to a vertical. A flat top wire dipole is fairly bi-directional. Putting it in a inverted v fashion makes it more omnidirectional.if your going to use a dipole for a all band antenna it's best to have a remote tuner at the anteena if using coax or ladder line to a balun and tuner in the shack. Lots of choices huh.
A good antenna homebrew site is www.hamuniverse.com
Good luck and fun in the hobby
Happy QSO'ing. Mike R

Sent from my pocket communicator

On Jun 14, 2010, at 4:22 PM, "Jess Rogers" <jessadr@...> wrote:

just wondering do most hams use a beam, wire or vertical ?
I would guess wire antennas with tuners. does it make a difference. I am not a dx'er but would like to build ham friendships in Tenn.

----- Original Message -----
From: Jeff Moore
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 4:12 PM
Subject: Re: [ic706] Vertical

I acquired a Gap Titan DX vertical a while back and have been very impressed with it. It allowed me to work Japan, New Zealand, Australia, and a number of Central and South American countries on phone and digital modes. I like it because it doesn't require ground radials - it has a counterpoise that works very well!

Jeff Moore -- KE7ACY

----- Original Message ----- From: Jess Rogers

Which vertical antenna would good to order to be used with the 706 ? I can only use 10 meters at this time, but hope to have my general soon.
I see the Hustler and Hygains priced reasonable.
Jess KD4BBP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18072. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 21:57:36 UTC
From: Jess Rogers
Topic: 18061  Message: 18072

that is a dipole with wires cut for 4 bands, right. how high is the center and ends. are you using a 1:1 balun with a tuner ?
I have all the 73 magazines on cd and am looking at all the antenna projects in there. Wire is cheap compared to alum tubing. and doesn't need turning . I have a 3 1/2 acre lot in the country 800 ft from the road so no one to worry about tee'ing off. with long wires, except maybe the wife.

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 4:40 PM
Subject: Re: [ic706] Vertical

Jess I am not wealthy by any shape of the word but have been in the hobby long enough (24 years) to have acquired a few antennas I have dipoles, folded dipoles, beams on the tower, and a couple of verticals in the back yard but I do love my simple wire dipoles in fact I have one that I built that covers about every thing and it cost me a very little to build the center is 3/4" PVC sch 40 pipe 3 end caps and a tee with some stainless hard ware it is 8 wires (4 each direction off center). you can find it in most antenna books or on line Google multi band ham antenna.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jess Rogers" <jessadr@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 5:22 PM
Subject: Re: [ic706] Vertical

> just wondering do most hams use a beam, wire or vertical ?
> I would guess wire antennas with tuners. does it make a difference. I am
> not a dx'er but would like to build ham friendships in Tenn.
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com
> Sent: Monday, June 14, 2010 4:12 PM
> Subject: Re: [ic706] Vertical
>
>
>
> I acquired a Gap Titan DX vertical a while back and have been very
> impressed with it. It allowed me to work Japan, New Zealand, Australia,
> and a number of Central and South American countries on phone and digital
> modes. I like it because it doesn't require ground radials - it has a

> counterpoise that works very well!
>
> Jeff Moore -- KE7ACY
>
> ----- Original Message ----- From: Jess Rogers
>
> Which vertical antenna would good to order to be used with the 706 ? I
> can only use 10 meters at this time, but hope to have my general soon.
> I see the Hustler and Hygains priced reasonable.
> Jess KD4BBP
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18073. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:04:35 UTC
From: Jess Rogers
Topic: 18061  Message: 18073

I am with you. I think a big part of this hobby is how to do stuff as cheap as you can. even if you could afford the towers and beams. I was listening to a guy today on 14.251 that was bragging about his $10,000 radio.That is not for me. KISS " Keep It Simple S-----" that is my level.

----- Original Message -----
From: "barry whittemore" <wb1edi@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 4:44 PM
Subject: RE: [ic706] Vertical

>
> There are many antennas that get used by hams around the world. The simple
> 1/2 wave dipole is a good antenna that can be made very easily and
> cheaply. I have vertical wires and dipoles for the low bands. The dipole
> is usually better for local/regional QSOs and the verticals are better for
> DX. If the dipoles are up high enough they are great as well for DX but
> its tough to get an 80 meter dipole up that high. high band antennas do
> not need to be as high to be effective DX antennas.
> I have a TA33JR beam at 30 FT and wires for the other bands and have over
> 200 countries and have my 5BDXCC and 5BWAS awards, this was all done with
> 100 watts. Put up a wire antenna and get on the air. Get better antennas
> as you can.
> I prefer single band antennas over multiband antennas.
> Wire is cheap and effective.
> 73 and have fun.
> Antennas are one area of Ham radio where home brew is alive and well.
> Barry WB1EDI
>
> To: ic706@yahoogroups.com
> From: jessadr@...
> Date: Mon, 14 Jun 2010 16:22:08 -0500
> Subject: Re: [ic706] Vertical
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> just wondering do most hams use a beam, wire or vertical ?
>
> I would guess wire antennas with tuners. does it make a difference. I am
> not a dx'er but would like to build ham friendships in Tenn.
>
>
>
> ----- Original Message -----
>
> From: Jeff Moore
>
> To: ic706@yahoogroups.com
>
> Sent: Monday, June 14, 2010 4:12 PM
>
> Subject: Re: [ic706] Vertical
>
>
>
> I acquired a Gap Titan DX vertical a while back and have been very
> impressed with it. It allowed me to work Japan, New Zealand, Australia,
> and a number of Central and South American countries on phone and digital
> modes. I like it because it doesn't require ground radials - it has a
> counterpoise that works very well!
>
>
>
> Jeff Moore -- KE7ACY
>
>
>
> ----- Original Message ----- From: Jess Rogers
>
>

>
> Which vertical antenna would good to order to be used with the 706 ? I can
> only use 10 meters at this time, but hope to have my general soon.
>
> I see the Hustler and Hygains priced reasonable.
>
> Jess KD4BBP
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> ---------------------------------------------------------------------
> Hotmail is redefining busy with tools for the New Busy. Get more from your
> inbox.
> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>
>

# 18074. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:06:59 UTC
From: Jack
Topic: 18061  Message: 18074

yes it is and it covers more than the 4 bands because more than one wire can be resonate at the same time. I do not even use a balun or unun it is just a SO-239 in the PVC with a SHORT piece of wire from the SO-239 to the stainless eye bolts in the end caps.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jess Rogers" <jessadr@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 5:57 PM
Subject: Re: [ic706] Vertical

> that is a dipole with wires cut for 4 bands, right. how high is the center
> and ends. are you using a 1:1 balun with a tuner ?
> I have all the 73 magazines on cd and am looking at all the antenna
> projects in there.
> Wire is cheap compared to alum tubing. and doesn't need turning . I have
> a 3 1/2 acre lot in the country 800 ft from the road so no one to worry
> about tee'ing off. with long wires, except maybe the wife.
>
>
> ----- Original Message -----
> From: Jack
> To: ic706@yahoogroups.com
> Sent: Monday, June 14, 2010 4:40 PM
> Subject: Re: [ic706] Vertical
>
>
>
> Jess I am not wealthy by any shape of the word but have been in the hobby
> long enough (24 years) to have acquired a few antennas I have dipoles,
> folded dipoles, beams on the tower, and a couple of verticals in the back
> yard but I do love my simple wire dipoles in fact I have one that I built
> that covers about every thing and it cost me a very little to build the
> center is 3/4" PVC sch 40 pipe 3 end caps and a tee with some stainless
> hard
> ware it is 8 wires (4 each direction off center). you can find it in most
> antenna books or on line Google multi band ham antenna.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Jess Rogers" <jessadr@...>
> To: <ic706@yahoogroups.com>

> Sent: Monday, June 14, 2010 5:22 PM
> Subject: Re: [ic706] Vertical
>
> > just wondering do most hams use a beam, wire or vertical ?
> > I would guess wire antennas with tuners. does it make a difference. I
> am
> > not a dx'er but would like to build ham friendships in Tenn.
> >
> > ----- Original Message -----
> > From: Jeff Moore
> > To: ic706@yahoogroups.com
> > Sent: Monday, June 14, 2010 4:12 PM
> > Subject: Re: [ic706] Vertical
> >
> >
> >
> > I acquired a Gap Titan DX vertical a while back and have been very
> > impressed with it. It allowed me to work Japan, New Zealand, Australia,
> > and a number of Central and South American countries on phone and
> digital
> > modes. I like it because it doesn't require ground radials - it has a
> > counterpoise that works very well!
> >
> > Jeff Moore -- KE7ACY
> >
> > ----- Original Message ----- From: Jess Rogers
> >
> > Which vertical antenna would good to order to be used with the 706 ? I
> > can only use 10 meters at this time, but hope to have my general soon.
> > I see the Hustler and Hygains priced reasonable.
> > Jess KD4BBP
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >

>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18075. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:12:13 UTC
From: Ralph Mowery
Topic: 18061  Message: 18075

MOst hams run what they can.  For the low bands I would say that a horizontal dipole of some sorts would be the most used antenna.  This is especially true of 80 and 40 meters if they have the space to install one.  While I would not use one, the G5RV type seems very popular.  I use either a full size dipole or an off center fed one for 80 meters and also the OCF on 40 meters.

I do use a triband beam for 20,15 and 10 meters, but it took me a good number of years before I was in position to put up a good tower.  At one house I only had an 80 meter dipole up 20 feet, but was able to do a good job for local (say 300 mile or so ) contacts.

You did not mention the frequencies you were goint to use.  For 10 meters and above the antennas are small enough a piece of pipe or push up pole will hold a beam.

----- Original Message ----
From: Jess Rogers <jessadr@comcast.net>
To: ic706@yahoogroups.com
Sent: Mon, June 14, 2010 5:22:08 PM
Subject: Re: [ic706] Vertical

just wondering do most hams use a beam, wire or vertical ?
I would guess wire antennas with tuners. does it make a difference. I am not a dx'er but would like to build ham friendships in Tenn.

# 18076. Re: [ic706](OFF TOPIC) ANTENNAS (was Vertical)

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:12:20 UTC
From: Jack
Topic: 18061  Message: 18076

I agree, I have an OLD Kenwood TS-120S for the house, an Icom 706MIIG that I use mobile, and in the "GO" kit is an OLD ten tek 555 scout with cards for 80,40,20, and 10 I just do not see a reason for the real big $$ radios I am not a contester. The most expensive radio I have would be one for DStar.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jess Rogers" <jessadr@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 6:04 PM
Subject: Re: [ic706] Vertical

>I am with you. I think a big part of this hobby is how to do stuff as cheap
> as you can. even if you could afford the towers and beams. I was listening
> to a guy today on 14.251 that was bragging about his $10,000 radio.That
> is
> not for me. KISS " Keep It Simple S-----" that is my level.
>
> ----- Original Message -----
> From: "barry whittemore" <wb1edi@...>
> To: <ic706@yahoogroups.com>
> Sent: Monday, June 14, 2010 4:44 PM
> Subject: RE: [ic706] Vertical
>
>
>>
>> There are many antennas that get used by hams around the world. The
>> simple
>> 1/2 wave dipole is a good antenna that can be made very easily and
>> cheaply. I have vertical wires and dipoles for the low bands. The dipole
>> is usually better for local/regional QSOs and the verticals are better
>> for
>> DX. If the dipoles are up high enough they are great as well for DX but
>> its tough to get an 80 meter dipole up that high. high band antennas do
>> not need to be as high to be effective DX antennas.
>> I have a TA33JR beam at 30 FT and wires for the other bands and have over
>> 200 countries and have my 5BDXCC and 5BWAS awards, this was all done with
>> 100 watts. Put up a wire antenna and get on the air. Get better antennas
>> as you can.
>> I prefer single band antennas over multiband antennas.
>> Wire is cheap and effective.
>> 73 and have fun.
>> Antennas are one area of Ham radio where home brew is alive and well.
>> Barry WB1EDI

>>
>> To: ic706@yahoogroups.com
>> From: jessadr@...
>> Date: Mon, 14 Jun 2010 16:22:08 -0500
>> Subject: Re: [ic706] Vertical
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>> just wondering do most hams use a beam, wire or vertical ?
>>
>> I would guess wire antennas with tuners. does it make a difference. I am
>> not a dx'er but would like to build ham friendships in Tenn.
>>
>>
>>
>> ----- Original Message -----
>>
>> From: Jeff Moore
>>
>> To: ic706@yahoogroups.com
>>
>> Sent: Monday, June 14, 2010 4:12 PM
>>
>> Subject: Re: [ic706] Vertical
>>

>>
>>
>> I acquired a Gap Titan DX vertical a while back and have been very
>> impressed with it. It allowed me to work Japan, New Zealand, Australia,
>> and a number of Central and South American countries on phone and digital
>> modes. I like it because it doesn't require ground radials - it has a
>> counterpoise that works very well!
>>
>>
>>
>> Jeff Moore -- KE7ACY
>>
>>
>>
>> ----- Original Message ----- From: Jess Rogers
>>
>>
>>
>> Which vertical antenna would good to order to be used with the 706 ? I
>> can
>> only use 10 meters at this time, but hope to have my general soon.
>>
>> I see the Hustler and Hygains priced reasonable.
>>
>> Jess KD4BBP
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>
>>

>>
>>
>>
>>
>>
>> _____
>> Hotmail is redefining busy with tools for the New Busy. Get more from
>> your
>> inbox.
>> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_
HMP:042010_2
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18077. Re: [ic706] Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:13:32 UTC
From: Jess Rogers
Topic: 18061  Message: 18077

how far are you from radio ? coax or ladder. ?
manual tuner ? I have to be at least 75 from the center for a long dipole. do you have a lighting arrester ?

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Monday, June 14, 2010 5:06 PM
Subject: Re: [ic706] Vertical

yes it is and it covers more than the 4 bands because more than one wire can
be resonate at the same time. I do not even use a balun or unun it is just a
SO-239 in the PVC with a SHORT piece of wire from the SO-239 to the
stainless eye bolts in the end caps.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jess Rogers" <jessadr@...>
To: <ic706@yahoogroups.com>
Sent: Monday, June 14, 2010 5:57 PM
Subject: Re: [ic706] Vertical

> that is a dipole with wires cut for 4 bands, right. how high is the center
> and ends. are you using a 1:1 balun with a tuner ?
> I have all the 73 magazines on cd and am looking at all the antenna
> projects in there.
> Wire is cheap compared to alum tubing. and doesn't need turning . I have
> a 3 1/2 acre lot in the country 800 ft from the road so no one to worry
> about tee'ing off. with long wires, except maybe the wife.
>
>
> ----- Original Message -----
> From: Jack
> To: ic706@yahoogroups.com
> Sent: Monday, June 14, 2010 4:40 PM
> Subject: Re: [ic706] Vertical
>
>
>
> Jess I am not wealthy by any shape of the word but have been in the hobby
> long enough (24 years) to have acquired a few antennas I have dipoles,
> folded dipoles, beams on the tower, and a couple of verticals in the back
> yard but I do love my simple wire dipoles in fact I have one that I built
> that covers about every thing and it cost me a very little to build the
> center is 3/4" PVC sch 40 pipe 3 end caps and a tee with some stainless

> hard
> ware it is 8 wires (4 each direction off center). you can find it in most
> antenna books or on line Google multi band ham antenna.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Jess Rogers" <jessadr@...>
> To: <ic706@yahoogroups.com>
> Sent: Monday, June 14, 2010 5:22 PM
> Subject: Re: [ic706] Vertical
>
> > just wondering do most hams use a beam, wire or vertical ?
> > I would guess wire antennas with tuners. does it make a difference. I
> am
> > not a dx'er but would like to build ham friendships in Tenn.
> >
> > ----- Original Message -----
> > From: Jeff Moore
> > To: ic706@yahoogroups.com
> > Sent: Monday, June 14, 2010 4:12 PM
> > Subject: Re: [ic706] Vertical
> >
> >
> >
> > I acquired a Gap Titan DX vertical a while back and have been very
> > impressed with it. It allowed me to work Japan, New Zealand, Australia,
> > and a number of Central and South American countries on phone and
> digital
> > modes. I like it because it doesn't require ground radials - it has a
> > counterpoise that works very well!
> >
> > Jeff Moore -- KE7ACY
> >
> > ----- Original Message ----- From: Jess Rogers
> >
> > Which vertical antenna would good to order to be used with the 706 ? I
> > can only use 10 meters at this time, but hope to have my general soon.
> > I see the Hustler and Hygains priced reasonable.
> > Jess KD4BBP
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18078. off topic

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-14 22:49:08 UTC
From: Jess Rogers
Topic: 18078  Message: 18078

please use my email for any more great info that is not 706 related I would really like pictures.

jessadr@...

[Non-text portions of this message have been removed]

# 18079. Re: Vertical

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-15 16:42:28 UTC
From: jb
Topic: 18061  Message: 18079

On the same line as Jack, if you had two tall trees close together, I would be thinking a verticle dipole for 10 meters for now. While you are getting your General, do some homework on what your needs and property will dictate for other lower band antennas. Are you on a small lot? Acreage? Apartment? HOA? Adoring wife? =) Those are big factors.

Seems like just about everyone here as different conditions and has adjusted for them in their own way. I am in a tract lot. Got a long wire for reception. Have had a Hustler 5btv vert since day one and have been very happy with it. It is a great little antenna for the money. Careful assembly is very important. The 80 meter resonator works well getting out but I find the long wire receives better and quieter, especially on 80 meters.

I have been playing with some designs for 20 & 40 meters. City ordinances won't let me get a dipole or yagi up over 30 ft. Bad luck for working my dad in Oregon. Have to get creative. Been working on a box ant with the elements shaped like a maltese cross. Space is limited. Looking for a retractable tower. Build a cage ant. Just now dialing in how to get the best going with my limitations.

I would really suggest getting the ARRL Antenna book. There is a huge education in that book. Sure helped me.

Hope that helps a bit.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> Jess I am not wealthy by any shape of the word but have been in the hobby
> long enough (24 years) to have acquired a few antennas I have dipoles,
> folded dipoles, beams on the tower, and a couple of verticals in the back
> yard but I do love my simple wire dipoles in fact I have one that I built
> that covers about every thing and it cost me a very little to build the
> center is 3/4" PVC sch 40 pipe 3 end caps and a tee with some stainless hard
> ware it is 8 wires (4 each direction off center). you can find it in most
> antenna books or on line Google multi band ham antenna.
>
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Jess Rogers" <jessadr@...>
> To: <ic706@yahoogroups.com>
> Sent: Monday, June 14, 2010 5:22 PM
> Subject: Re: [ic706] Vertical

>
>
> > just wondering do most hams use a beam, wire or vertical ?
> > I would guess wire antennas with tuners. does it make a difference. I am
> > not a dx'er but would like to build ham friendships in Tenn.
> >
> > ----- Original Message -----
> > From: Jeff Moore
> > To: ic706@yahoogroups.com
> > Sent: Monday, June 14, 2010 4:12 PM
> > Subject: Re: [ic706] Vertical
> >
> >
> >
> > I acquired a Gap Titan DX vertical a while back and have been very
> > impressed with it. It allowed me to work Japan, New Zealand, Australia,
> > and a number of Central and South American countries on phone and digital
> > modes. I like it because it doesn't require ground radials - it has a
> > counterpoise that works very well!
> >
> > Jeff Moore -- KE7ACY
> >
> > ----- Original Message ----- From: Jess Rogers
> >
> > Which vertical antenna would good to order to be used with the 706 ? I
> > can only use 10 meters at this time, but hope to have my general soon.
> > I see the Hustler and Hygains priced reasonable.
> > Jess KD4BBP
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18080. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-18 15:51:07 UTC
From: Rakesh Kapoor
Topic: 18080  Message: 18080

[Non-text portions of this message have been removed]

# 18081. IC706 fixin

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-18 15:51:00 UTC
From: Rakesh Kapoor
Topic: 18081  Message: 18081

http://www.hialeahradioclub.com/files/IC-706_mods.pdf

[Non-text portions of this message have been removed]

# 18082. IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 07:37:45 UTC
From: m0rbg
Topic: 13926  Message: 18082

My 706 keeps switching off. Sometimes removing the head and cleaning the contacts seems to cure the problem, it will then be ok for a few minutes/hours and then switch off again. Other times it is fine for a few weeks and then the fault unexpectedly occurs again. The problem does not occure when using the separation kit. It's most annoying, has anyone else had this problem?

# 18083. Re: [ic706] IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 10:59:04 UTC
From: Dan Smith
Topic: 13926  Message: 18083

Do you use the small screw to ground the remote mount cable to the base of the 706MIIG? Mine did the same thing till I cleaned all both ends of the cable and the ends on the head and base unit. Then I put the ground screw in.. Been that way for over 2 years not without any problems..
Good luck to you.
73
Dan/KD7UFF

---
From: m0rbg <m0rbg@talktalk.net>
To: ic706@yahoogroups.com
Sent: Tue, June 22, 2010 12:37:45 AM
Subject: [ic706] IC-706MKIIG

My 706 keeps switching off. Sometimes removing the head and cleaning the contacts seems to cure the problem, it will then be ok for a few minutes/hours and then switch off again. Other times it is fine for a few weeks and then the fault unexpectedly occurs again. The problem does not occure when using the separation kit. It's most annoying, has anyone else had this problem?

[Non-text portions of this message have been removed]

# 18084. RE: [ic706] IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 11:06:53 UTC
From: Richard Blandford
Topic: 13926  Message: 18084

Hi Dan

I don't fit the screw when using the separation kit, but as I said it has never shut down with the head off. It's only when the head is on the radio that it gives this problem. I can switch on, leave it in receive and it will either be ok for hours or keep shutting down, most annoying. I'm sure it is something to do with the pins!

Thanks for taking the trouble to reply, much appreciated.

73 and thanks again

Richard M0RBG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dan Smith
Sent: 22 June 2010 10:59
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MKIIG

Do you use the small screw to ground the remote mount cable to the base of the 706MIIG? Mine did the same thing till I cleaned all both ends of the cable and the ends on the head and base unit. Then I put the ground screw in.. Been that way for over 2 years not without any problems..
Good luck to you.
73
Dan/KD7UFF

--------------------------------
From: m0rbg <m0rbg@...>
To: ic706@yahoogroups.com
Sent: Tue, June 22, 2010 12:37:45 AM
Subject: [ic706] IC-706MKIIG

My 706 keeps switching off. Sometimes removing the head and cleaning the contacts seems to cure the problem, it will then be ok for a few minutes/hours and then switch off again. Other times it is fine for a few weeks and then the fault unexpectedly occurs again. The problem does not occure when using the separation kit. It's most annoying, has anyone else had this problem?

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.829 / Virus Database: 271.1.1/2953 - Release Date: 06/22/10 06:36:00

# 18085. Re: [ic706] IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 14:28:44 UTC
From: Bob Reiff
Topic: 13926  Message: 18085

Maybe a wire is broken inside the separation cable? Was it ever pinched?

Bob, WA8ULW

m0rbg wrote:

>
>
> My 706 keeps switching off. Sometimes removing the head and cleaning
> the contacts seems to cure the problem, it will then be ok for a few
> minutes/hours and then switch off again. Other times it is fine for a
> few weeks and then the fault unexpectedly occurs again. The problem
> does not occure when using the separation kit. It's most annoying, has
> anyone else had this problem?
>
>

[Non-text portions of this message have been removed]

# 18086. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 17:40:30 UTC
From: Tony
Topic: 13926  Message: 18086

I have the same problem. I am convinced it is heat related. First remove top and bottom covers of rig and ensure all "earthing" springs are making good contact with covers. Make sure rig is well ventilated as it is very prone to shutting down due to reaching temp over 70 degrees. Also make sure you do not have an loop with multiple earthing points causing RF to get into rig and consequently shut it down
When you say switching off do you mean fully off. Mine stays alive in the fault condition but no receive noise or transmit. Does recieve light stay on and does transmit light come on with ptt?
Good luck but focus on the overheating possibility.
Tony

--- In ic706@yahoogroups.com, "m0rbg" <m0rbg@...> wrote:
>
> My 706 keeps switching off. Sometimes removing the head and cleaning the contacts seems to cure the problem, it will then be ok for a few minutes/hours and then switch off again. Other times it is fine for a few weeks and then the fault unexpectedly occurs again. The problem does not occure when using the separation kit. It's most annoying, has anyone else had this problem?
>

# 18087. COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 20:33:52 UTC
From: Norbulus
Topic: 18087  Message: 18087

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

# 18088. RE: [ic706] COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 21:29:16 UTC
From: Eric Vincent
Topic: 18087  Message: 18088

Hello Rob,

Yes for me, I have a 706MKIIG and the procedure is the same.

When you switch from HF mode with compressor ON, you absolutely need to switch OFF the compressor before you return on VHF.

If I remember, my modulation settings are level 3 or 4 without compressor to use VHF or UHF band.

Have fun.

73' Eric VE7YBC

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Norbulus
Sent: Tuesday, June 22, 2010 1:34 PM
To: ic706@yahoogroups.com
Subject: [ic706] COM on FM

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

[Non-text portions of this message have been removed]

# 18089. Re: [ic706] COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 21:52:22 UTC
From: Joe Isabella
Topic: 18087  Message: 18089

Yep -- that's a common "gotcha" on these rigs. I run about 7-8 on the mic gain on FM, no compressor, then turn in on for SSB and adjusted the comp gain (side pot) for a little ALC. That way, I don't have to fool with the mic gain, just remember to switch off the compressor when switching back & forth...

Joe, N3JI

---

From: Norbulus <m0rby@...>
To: ic706@yahoogroups.com
Sent: Tue, June 22, 2010 3:33:52 PM
Subject: [ic706] COM on FM

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

[Non-text portions of this message have been removed]

# 18090. Re: [ic706] COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-22 22:30:17 UTC
From: Deacon Dave
Topic: 18087  Message: 18090

Yep!

That's the way it's built :-)

----- Original Message -----
From: Norbulus
To: ic706@yahoogroups.com
Sent: Tuesday, June 22, 2010 4:33 PM
Subject: [ic706] COM on FM

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

[Non-text portions of this message have been removed]

# 18091. Re: [ic706] COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-23 00:22:10 UTC
From: Mike Rodgers
Topic: 18087  Message: 18091

I believe that is true on the origional 706, not sure on mk2 but I believe it's disabled on the g model. I've got to where I rarely use the compression at all.
Mike R

Sent from my pocket communicator

On Jun 22, 2010, at 3:33 PM, "Norbulus" <m0rby@...> wrote:

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

[Non-text portions of this message have been removed]

# 18092. Re: [ic706] COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-23 17:58:03 UTC
From: Nunnaya Bidniz
Topic: 18087  Message: 18092

A common thing on the 706's of all varieties. You just have to remember that it needs to be off when using FM. There is no menu option on FM since the COM is not needed there. Judgement call when the menu was designed, I'd guess.

---
From: Norbulus <m0rby@....uk>
To: ic706@yahoogroups.com
Sent: Tue, June 22, 2010 4:33:52 PM
Subject: [ic706] COM on FM

I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?

73, Rob M0RBY

[Non-text portions of this message have been removed]

# 18093. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-23 18:39:15 UTC
From: kav246
Topic: 13926  Message: 18093

My guess is that you have one of two problems.

One is that the pins on the head/body can get tarnished and need a rub.

I find it's usually the cable end (so may not apply to you unless the head end gets it as well) and I usually just rub the pin tips on the plastic dash which seems to sort it. However when those pins are the problem the rig still tries to fire up if it was off, theres just no display and if it's already on I've never known mine to shut down because of it. I think this is least likely to be your scenario.

However what did knock off an otherwise perfectly functional radio were the powerplug pins. Some genious had the idea to make them with a split up the side which can "splay" with regular removsl/refitting and then also expand with heat. You'd be sitting merrily tuning about (or more likely transmitting) and the thing would just close down. If, whilst removing the head unit, the body moves even slightly in relation to the DC lead the problem will "fix" itself and you automaticall assume it was your pin cleaning that did it.

Just pull out the power plug, take a pair of long nosed pliers and gently nip each pin a little. That should fix it for a good while if you don't remove the plug too often.

If it turns out to be neither then I got no idea but good hunting.

Kav

# 18094. Re: COM on FM

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-23 18:50:28 UTC
From: jb
Topic: 18087  Message: 18094

Ditto, Ditto!

Nature of the beast.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> Yep -- that's a common "gotcha" on these rigs. I run about 7-8 on the mic gain on FM, no compressor, then turn in on for SSB and adjusted the comp gain (side pot) for a little ALC. That way, I don't have to fool with the mic gain, just remember to switch off the compressor when switching back & forth...
>
> Joe, N3JI
>
>
>
>
>
> _____
> From: Norbulus <m0rby@...>
> To: ic706@yahoogroups.com
> Sent: Tue, June 22, 2010 3:33:52 PM
> Subject: [ic706] COM on FM
>
>
> I had an odd one last night. I was on a local 2m net and people complained that my audio was rubbish and overdriven. I could operate with the mic held about a metre from my mouth but something was wrong. I then noticed that, having switched from USB on 20m to FM on 2m, the speech compressor was still on. I had no menu option to switch it off so I had to change modes to USB, switch out the compressor when the menu option was displayed, and then go back to the net. Problem solved. Anyone else experienced this?
>
> 73, Rob M0RBY
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18095. Bad mem-channel sw

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-23 23:05:30 UTC
From: n0gmp
Topic: 18095  Message: 18095

Anybody here had to replace the memory channel switch yet? The inside shaft of the RIT/Mem-ch switch unit ? MarkIIG

I've got a broken shaft on the inside section of the switch and haven't gone into the head yet to see what's going to be involved.

Dave J

# 18096. Wiring diagram for 8-PIN Icom Mic to RJ45 (Icom IC-706MkIIg) NOT desk Mic

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-24 03:59:00 UTC
From: sparkbyte
Topic: 18096  Message: 18096

RJ45 8PIN
1 ------ 2
2 ------ 3
3 ------ 8
4 ------ 5
5 ------ 7
6 ------ 1
7 ------ 6
8 ------ 4

I used this to build a pig tail adapter so that I could use the HM12 from my IC-28H.

http://www.universal-radio.com/CATALOG/hammulti/hm12a.html

The pig tail was built with a standard RJ45 crimp connector, 8 strand CAT5 network cable, and female 8PIN round Mic connector.

KD0JQJ

# 18097. Re: Bad mem-channel sw

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-25 19:38:49 UTC
From: voip10
Topic: 18095  Message: 18097

I've replaced the volume/squelch control using a spare bought
from Icom UK. It wasn't particularly difficult. I also bought
an RIT/mem switch for a ham in Hong Kong who asked for help.
They were able to fit the switch to their rig without any
problems. At worst, the replacement process was slightly
fiddly.

Voi

--- In ic706@yahoogroups.com, "n0gmp" <radioranger44@...> wrote:
>
> Anybody here had to replace the memory channel switch yet? The inside shaft of the RIT/Mem-ch switch unit ? MarkIIG
>
> I've got a broken shaft on the inside section of the switch and haven't gone into the head yet to see what's going to be involved.
>
> Dave J
>

# 18098. Re: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-27 03:21:49 UTC
From: John Denver
Topic: 13926  Message: 18098

I had the exact same problem and it was the DC power connector (female part) loosing up just like you said. I had to take a small screwdriver(very small) and reach inside and close up the connectors inside. Once I did that,just as you experienced, the radio stopped resetting by itself. At the time, I was doing a lot of testing in my pickup and removed and reconnected the DC power cable several times from the radio. I thought the power connector was loose inside the radio. (it does have some wobble) but, that wasn't it at all.
james

--- On Wed, 6/23/10, kav246 <smartlock.pro@...> wrote:

From: kav246 <smartlock.pro@...>
Subject: [ic706] Re: IC-706MKIIG
To: ic706@yahoogroups.com
Date: Wednesday, June 23, 2010, 12:39 PM

My guess is that you have one of two problems.

One is that the pins on the head/body can get tarnished and need a rub.

I find it's usually the cable end (so may not apply to you unless the head end gets it as well) and I usually just rub the pin tips on the plastic dash which seems to sort it. However when those pins are the problem the rig still tries to fire up if it was off, theres just no display and if it's already on I've never known mine to shut down because of it. I think this is least likely to be your scenario.

However what did knock off an otherwise perfectly functional radio were the powerplug pins. Some genious had the idea to make them with a split up the side which can "splay" with regular removsl/refitting and then also expand with heat. You'd be sitting merrily tuning about (or more likely transmitting) and the thing would just close down. If, whilst removing the head unit, the body moves even slightly in relation to the DC lead the problem will "fix" itself and you automaticall assume it was your pin cleaning that did it.

Just pull out the power plug, take a pair of long nosed pliers and gently nip each pin a little. That should fix it for a good while if you don't remove the plug too often.

If it turns out to be neither then I got no idea but good hunting.

Kav

[Non-text portions of this message have been removed]

# 18099. RE: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-27 16:25:28 UTC
From: Richard Blandford
Topic: 13926  Message: 18099

Thanks for all the replies, Icom have suggested cleaning the head/body contacts and perhaps re tensioning them and I have nipped the DC power connector sockets as suggested by a number of contributors. The radio switches off completely, so perhaps it could be the DC power connections after all, we will see this next few days.

Luckily the radio is still under warranty till mid August 2010, but I'm reluctant to send it back to Icom UK when it is an intermittent fault, chances are it won't shut down on the bench when you want it to!

Thanks again everyone

Richard M0RBG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Denver
Sent: 27 June 2010 03:22
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: IC-706MKIIG

I had the exact same problem and it was the DC power connector (female part) loosing up just like you said. I had to take a small screwdriver(very small) and reach inside and close up the connectors inside. Once I did that,just as you experienced, the radio stopped resetting by itself. At the time, I was doing a lot of testing in my pickup and removed and reconnected the DC power cable several times from the radio. I thought the power connector was loose inside the radio. (it does have some wobble) but, that wasn't it at all.
james

--- On Wed, 6/23/10, kav246 <smartlock.pro@...> wrote:

From: kav246 <smartlock.pro@...>
Subject: [ic706] Re: IC-706MKIIG
To: ic706@yahoogroups.com
Date: Wednesday, June 23, 2010, 12:39 PM

My guess is that you have one of two problems.

One is that the pins on the head/body can get tarnished and need a rub.

I find it's usually the cable end (so may not apply to you unless the head end gets it as well) and I usually just rub the pin tips on the plastic dash which seems to sort it. However when those pins are the problem the rig still tries to fire up if it was off, theres just no display and if it's already on I've never known mine to shut down because of it. I think this is least likely to be your scenario.

However what did knock off an otherwise perfectly functional radio were the powerplug pins. Some genious had the idea to make them with a split up the side which can "splay" with regular removsl/refitting and then also expand with heat. You'd be sitting merrily tuning about (or more likely transmitting) and the thing would just close down. If, whilst

removing the head unit, the body moves even slightly in relation to the DC lead the problem will "fix" itself and you automaticall assume it was your pin cleaning that did it.

Just pull out the power plug, take a pair of long nosed pliers and gently nip each pin a little. That should fix it for a good while if you don't remove the plug too often.

If it turns out to be neither then I got no idea but good hunting.

Kav

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.830 / Virus Database: 271.1.1/2963 - Release Date: 06/25/10 18:35:00

# 18100. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-06-27 20:06:37 UTC
From: kav246
Topic: 13926  Message: 18100

I used to fit/remove the rig every trip but that shoudn't have put undue strain on the connector as it was rarely touched. The RF deck, an LDG RT11, the Icom inline filter and all conections are mounted to a board which lifts out as a unit. I have all my radios fitted with 30amp two way "t" connectors (down wind of the inline filter on the 706) similar to those supplied with most VHF rigs.

The radio does get less use these day but it must be 5 or 6 years since I "fixed" that plug and I've never had to do it again.

Kav

# 18101. Re: [ic706] Digest Number 2946

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-01 04:33:14 UTC
From: Dave Jeffries
Topic: 18101  Message: 18101

Thanks  Now all I have to do is get the switch assmby.
Prolly gonna try Burghart Radio in Watertown SD.  They'v done a lot of work for me in the past ans altho he's no longer selling they're still fixing and have got a fair amount of parts on hand.

Dave  N0GMP
==========

--- On Sat, 6/26/10, ic706@yahoogroups.com <ic706@yahoogroups.com> wrote:

From: ic706@yahoogroups.com <ic706@yahoogroups.com>
Subject: [ic706] Digest Number 2946
To: ic706@yahoogroups.com
Date: Saturday, June 26, 2010, 3:11 AM

There is 1 message in this issue.

Topics in this digest:

1a. Re: Bad mem-channel sw
    From: voip10

Message
---
1a. Re: Bad mem-channel sw
    Posted by: "voip10" voip10@... voip10
    Date: Fri Jun 25, 2010 12:39 pm ((PDT))

I've replaced the volume/squelch control using a spare bought
from Icom UK. It wasn't particularly difficult. I also bought
an RIT/mem switch for a ham in Hong Kong who asked for help.
They were able to fit the switch to their rig without any
problems. At worst, the replacement process was slightly
fiddly.

Voi

--- In ic706@yahoogroups.com, "n0gmp" <radioranger44@...> wrote:
>
> Anybody here had to replace the memory channel switch yet?  The inside shaft of the RIT/Mem-ch switch unit ?   MarkIIG
>
> I've got a broken shaft on the inside section of the switch and haven't gone into the head yet to see what's going to be involved.
>
> Dave J
>

Messages in this topic (2)

---

Yahoo! Groups Links

---

[Non-text portions of this message have been removed]

# 18102. CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 02:54:06 UTC
From: marklfriedlander
Topic: 18102  Message: 18102

I've been thinking of buying a Turbo Tuner screwdriver antenna controller to use with my 796MKIIG base installation. This controller uses the radio's CI-V port but so does my computer for radio control when using digital modes.

Would a "Y" cable work? Does either the data or acc ports also support CI-V?

Does anyone have any suggestions for dealing with this conflict?

Thanks,
Mark KV4I

# 18103. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 03:01:23 UTC
From: marklfriedlander
Topic: 13926  Message: 18103

The only times I had that problem was when RF got into the rig.

One time, I was using the separation kit on HF with a poorly grounded shack. The other time was with the face plate connected to the radio and I was using a VHF antenna in the room.

I'd look at RF as the culprit.

Mark KV4I

--- In ic706@yahoogroups.com, "m0rbg" <m0rbg@...> wrote:
>
> My 706 keeps switching off. Sometimes removing the head and cleaning the contacts seems to cure the problem, it will then be ok for a few minutes/hours and then switch off again. Other times it is fine for a few weeks and then the fault unexpectedly occurs again. The problem does not occure when using the separation kit. It's most annoying, has anyone else had this problem?
>

# 18104. Re: [ic706] CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 03:14:38 UTC
From: Dan Smith
Topic: 18102  Message: 18104

Hi Mark,
I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you use is a Mono style cable.. I could only find a Stereo Y cable.. So I used some mono adpators off each end... So Now I have the Turbo Tuner and CAT cable for my Laptop... Hope this helps.. If you need any help let me know I can go take a closer look at mine just to be sure what I have..
73
Dan/KD7UFF

---
From: marklfriedlander <marklfriedlander@...>
To: ic706@yahoogroups.com
Sent: Mon, July 5, 2010 7:54:06 PM
Subject: [ic706] CI-V port competition

I've been thinking of buying a Turbo Tuner screwdriver antenna controller to use with my 796MKIIG base installation. This controller uses the radio's CI-V port but so does my computer for radio control when using digital modes.

Would a "Y" cable work? Does either the data or acc ports also support CI-V?

Does anyone have any suggestions for dealing with this conflict?

Thanks,
Mark KV4I

[Non-text portions of this message have been removed]

# 18105. Re: [ic706] CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 03:17:52 UTC
From: Mark Friedlander
Topic: 18102  Message: 18105

Ah, thanks, Dan. That's great to hear. Thank you very much.

73 Mark, KV4I

On Mon, Jul 5, 2010 at 11:14 PM, Dan Smith <kd7uff@...> wrote:

>
>
> Hi Mark,
> I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a
> Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you
> use is
> a Mono style cable.. I could only find a Stereo Y cable.. So I used some
> mono
> adpators off each end... So Now I have the Turbo Tuner and CAT cable for my
>
> Laptop... Hope this helps.. If you need any help let me know I can go take
> a
> closer look at mine just to be sure what I have..
> 73
> Dan/KD7UFF
>
> _____
> From: marklfriedlander <marklfriedlander@...<marklfriedlander%40gmail.com>
> >
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Mon, July 5, 2010 7:54:06 PM
> Subject: [ic706] CI-V port competition
>
> I've been thinking of buying a Turbo Tuner screwdriver antenna controller
> to use
> with my 796MKIIG base installation. This controller uses the radio's CI-V
> port
> but so does my computer for radio control when using digital modes.
>
> Would a "Y" cable work? Does either the data or acc ports also support
> CI-V?
>
> Does anyone have any suggestions for dealing with this conflict?
>
> Thanks,
> Mark KV4I
>
> [Non-text portions of this message have been removed]
>
>

>

[Non-text portions of this message have been removed]

# 18106. Re: [ic706] CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 03:25:04 UTC
From: Dan Smith
Topic: 18102  Message: 18106

No Problem Mark, I was told by Icom that its no problem to split the signal 2-3 times like that.. But trying to split it up more than that will cause problems..
Good luck to you..
73
Dan/KD7UFF

---
From: Mark Friedlander <marklfriedlander@...>
To: ic706@yahoogroups.com
Sent: Mon, July 5, 2010 8:17:52 PM
Subject: Re: [ic706] CI-V port competition

Ah, thanks, Dan. That's great to hear. Thank you very much.

73 Mark, KV4I

On Mon, Jul 5, 2010 at 11:14 PM, Dan Smith <kd7uff@...> wrote:

> 
> 
> Hi Mark,
> I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a
> Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you
> use is
> a Mono style cable.. I could only find a Stereo Y cable.. So I used some
> mono
> adpators off each end... So Now I have the Turbo Tuner and CAT cable for my
> 
> Laptop... Hope this helps.. If you need any help let me know I can go take
> a
> closer look at mine just to be sure what I have..
> 73
> Dan/KD7UFF
> 
> ---
> From: marklfriedlander
><marklfriedlander@...<marklfriedlander%40gmail.com>
> >
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Mon, July 5, 2010 7:54:06 PM
> Subject: [ic706] CI-V port competition
> 
> I've been thinking of buying a Turbo Tuner screwdriver antenna controller
> to use
> with my 796MKIIG base installation. This controller uses the radio's CI-V
> port

> but so does my computer for radio control when using digital modes.
>
> Would a "Y" cable work? Does either the data or acc ports also support
> CI-V?
>
> Does anyone have any suggestions for dealing with this conflict?
>
> Thanks,
> Mark KV4I
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18107. Re: [ic706] CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 15:06:43 UTC
From: Mark Friedlander
Topic: 18102  Message: 18107

Dan,

I found a cable for $5.95 (free shipping) at
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928>However,
I just realized that the Turbo Tuner manual calls for a 300 baud CI-V
setting while MIXW can't do less than 1200. What are you using on your
laptop and at what speed?

Thanks,
Mark KV4I

On Mon, Jul 5, 2010 at 11:25 PM, Dan Smith <kd7uff@...> wrote:

>
>
> No Problem Mark, I was told by Icom that its no problem to split the signal
> 2-3
> times like that.. But trying to split it up more than that will cause
> problems..
> Good luck to you..
> 73
> Dan/KD7UFF
>
> _____
> From: Mark Friedlander <marklfriedlander@...<marklfriedlander%40gmail.com>
> >
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Mon, July 5, 2010 8:17:52 PM
> Subject: Re: [ic706] CI-V port competition
>
>
> Ah, thanks, Dan. That's great to hear. Thank you very much.
>
> 73 Mark, KV4I
>
> On Mon, Jul 5, 2010 at 11:14 PM, Dan Smith <kd7uff@yahoo.com<kd7uff%40yahoo.com>>
> wrote:
>
> >
> >

> > Hi Mark,
> > I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a
> > Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you
> > use is
> > a Mono style cable.. I could only find a Stereo Y cable.. So I used some
> > mono
> > adpators off each end... So Now I have the Turbo Tuner and CAT cable for
> my
> >
> > Laptop... Hope this helps.. If you need any help let me know I can go
> take
> > a
> > closer look at mine just to be sure what I have..
> > 73
> > Dan/KD7UFF
> >
> > _____
> > From: marklfriedlander
> ><marklfriedlander@... <marklfriedlander%40gmail.com>
> <marklfriedlander%40gmail.com>
> > >
> > To: ic706@yahoogroups.com <ic706%40yahoogroups.com> <ic706%
> 40yahoogroups.com>
>
> > Sent: Mon, July 5, 2010 7:54:06 PM
> > Subject: [ic706] CI-V port competition
> >
> > I've been thinking of buying a Turbo Tuner screwdriver antenna controller
> > to use
> > with my 796MKIIG base installation. This controller uses the radio's CI-V
> > port
> > but so does my computer for radio control when using digital modes.
> >
> > Would a "Y" cable work? Does either the data or acc ports also support
> > CI-V?
> >
> > Does anyone have any suggestions for dealing with this conflict?
> >
> > Thanks,
> > Mark KV4I
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 18108. Re: CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 16:23:20 UTC
From: marklfriedlander
Topic: 18102  Message: 18108

Just heard from Bill at Turbo Tuner. He's got firmware to do 9600.

Mark KV4I

--- In ic706@yahoogroups.com, Mark Friedlander <marklfriedlander@...> wrote:
>
> Dan,
>
> I found a cable for $5.95 (free shipping) at
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928
>
> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928>However,
> I just realized that the Turbo Tuner manual calls for a 300 baud CI-V
> setting while MIXW can't do less than 1200. What are you using on your
> laptop and at what speed?
>
> Thanks,
> Mark KV4I
>
>
> On Mon, Jul 5, 2010 at 11:25 PM, Dan Smith <kd7uff@...> wrote:
>
> > >
> > >
> > > No Problem Mark, I was told by Icom that its no problem to split the signal
> > > 2-3
> > > times like that.. But trying to split it up more than that will cause
> > > problems..
> > > Good luck to you..
> > > 73
> > > Dan/KD7UFF
> > >
> > > _____
> > > From: Mark Friedlander <marklfriedlander@...<marklfriedlander%40gmail.com>
> > > >
> > > To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> > > Sent: Mon, July 5, 2010 8:17:52 PM
> > > Subject: Re: [ic706] CI-V port competition
> > >
> > >
> > > Ah, thanks, Dan. That's great to hear. Thank you very much.

> >
> > 73 Mark, KV4I
> >
> > On Mon, Jul 5, 2010 at 11:14 PM, Dan Smith <kd7uff@...<kd7uff%40yahoo.com>>
> > wrote:
> >
> > >
> > >
> > > Hi Mark,
> > > I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a
> > > Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you
> > > use is
> > > a Mono style cable.. I could only find a Stereo Y cable.. So I used some
> > > mono
> > > adpators off each end... So Now I have the Turbo Tuner and CAT cable for
> > my
> > > >
> > > Laptop... Hope this helps.. If you need any help let me know I can go
> > take
> > > a
> > > closer look at mine just to be sure what I have..
> > > 73
> > > Dan/KD7UFF
> > > >
> > > _____
> > > From: marklfriedlander
> > ><marklfriedlander@... <marklfriedlander%40gmail.com>
> > <marklfriedlander%40gmail.com>
> > > >
> > > To: ic706@yahoogroups.com <ic706%40yahoogroups.com> <ic706%
> > 40yahoogroups.com>
> > >
> > > Sent: Mon, July 5, 2010 7:54:06 PM
> > > Subject: [ic706] CI-V port competition
> > >
> > > I've been thinking of buying a Turbo Tuner screwdriver antenna controller
> > > to use
> > > with my 796MKIIG base installation. This controller uses the radio's CI-V
> > > port
> > > but so does my computer for radio control when using digital modes.
> > >
> > > Would a "Y" cable work? Does either the data or acc ports also support
> > > CI-V?
> > >
> > > Does anyone have any suggestions for dealing with this conflict?
> > >
> > > Thanks,
> > > Mark KV4I
> > >
> > > [Non-text portions of this message have been removed]

> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18109. Re: [ic706] Re: CI-V port competition

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-06 19:35:14 UTC
From: Dan Smith
Topic: 18102  Message: 18109

I can send you the set up to do it Mark, I have had it for sometime now..
Let me know..
73
Dan/KD7UFF

---
From: marklfriedlander <marklfriedlander@...>
To: ic706@yahoogroups.com
Sent: Tue, July 6, 2010 9:23:20 AM
Subject: [ic706] Re: CI-V port competition

Just heard from Bill at Turbo Tuner. He's got firmware to do 9600.

Mark KV4I

--- In ic706@yahoogroups.com, Mark Friedlander <marklfriedlander@...> wrote:
>
> Dan,
>
> I found a cable for $5.95 (free shipping) at
>http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928
>8
>
><http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190413619051&rvr_id=&crlp=1_263602_263622&UA=%3F*S%3F&GUID=9007fa891290a0aad3e3fea3fe906ddd&itemid=190413619051&ff4=263602_263622#ht_500wt_928>However,
>,
> I just realized that the Turbo Tuner manual calls for a 300 baud CI-V
> setting while MIXW can't do less than 1200. What are you using on your
> laptop and at what speed?
>
> Thanks,
> Mark KV4I
>
>
> On Mon, Jul 5, 2010 at 11:25 PM, Dan Smith <kd7uff@...> wrote:
>
> >
> >
> > No Problem Mark, I was told by Icom that its no problem to split the signal
> > 2-3
> > times like that.. But trying to split it up more than that will cause
> > problems..
> > Good luck to you..

> > 73
> > Dan/KD7UFF
> >
> > _____
> > From: Mark Friedlander <marklfriedlander@...<marklfriedlander%40gmail.com>
> > >
> > To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> > Sent: Mon, July 5, 2010 8:17:52 PM
> > Subject: Re: [ic706] CI-V port competition
> >
> >
> > Ah, thanks, Dan. That's great to hear. Thank you very much.
> >
> > 73 Mark, KV4I
> >
> > On Mon, Jul 5, 2010 at 11:14 PM, Dan Smith <kd7uff@...<kd7uff%40yahoo.com>>
> > wrote:
> >
> > >
> > >
> > > Hi Mark,
> > > I run a 706MIIG in my Jeep with a Turbo Tuner.. It works well.. I run a
> > > Tarheel 2 antenna... I did use a Y cable.. Just make sure the Y cable you
> > > use is
> > > a Mono style cable.. I could only find a Stereo Y cable.. So I used some
> > > mono
> > > adpators off each end... So Now I have the Turbo Tuner and CAT cable for
> > my
> > >
> > > Laptop... Hope this helps.. If you need any help let me know I can go
> > take
> > > a
> > > closer look at mine just to be sure what I have..
> > > 73
> > > Dan/KD7UFF
> > >
> > > _____
> > > From: marklfriedlander
> > ><marklfriedlander@... <marklfriedlander%40gmail.com>
> > <marklfriedlander%40gmail.com>
> > > >
> > > To: ic706@yahoogroups.com <ic706%40yahoogroups.com> <ic706%
> > 40yahoogroups.com>
> > >
> > > Sent: Mon, July 5, 2010 7:54:06 PM
> > > Subject: [ic706] CI-V port competition
> > >
> > > I've been thinking of buying a Turbo Tuner screwdriver antenna controller
> > > to use
> > > with my 796MKIIG base installation. This controller uses the radio's CI-V

> > > port
> > > but so does my computer for radio control when using digital modes.
> > >
> > > Would a "Y" cable work? Does either the data or acc ports also support
> > > CI-V?
> > >
> > > Does anyone have any suggestions for dealing with this conflict?
> > >
> > > Thanks,
> > > Mark KV4I
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18110. Icom AH-3 antenna tuner and other items FS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-08 17:58:29 UTC
From: Ken Simpson, W8EK
Topic: 18110  Message: 18110

Icom AH-3 Automatic Antenna Tuner For Sale:

The Icom AH-3 automatic tuner will tune continuously from
1.8 MHz through 30 MHz, i.e. from the low end of the 160 meter
band to top of the 10 meter band, including 60 meters and
all WARC bands. The AH-3 is a full HF tuner. Note that the
newer Icom AH-4 tuner is not listed to tune below 3.5 MHz,
while the the AH-3 is. It requires at least 5 watts to
automatically tune, and will handle up to 120 watts.
It requires 13 V DC to operate.

The AH-3 works with any Icom radio with standard 4 pin
rear tuner connector, such as the Icom 703, 703+, 706 series,
718, 746, 746Pro, 756 series (including Pros), 7000, 7200,
nd many others. It can also be used with most any other
radio with a simple interface (information provided).

This AH-3 is in excellent condition. Paper work is included
for $200.

Other Icom Items For Sale:

Icom HM-12 hand microphone
The HM-12 has a round 8 pin connector on it, and includes
up-down switches on the top and a lock switch on the back.
It is used with most of the modern Icom rigs using a round
8 pin connector.
The mic works as it should, and the mic itself looks very,
very good. The cord has seen some of the Florida sun and
has some deterioration. $40

Related items:

Communications Speaker:
This 4 inch square speaker is optimized for communications
frequencies (300 to 3000 Hz). It is in a black enclosure,
and is an 8 ohm speaker. It has a cord with a 1/8 inch
(3.5 mm) mono plug on the end.
This one works fine and looks OK also. $15

Dual Meter SWR Bridges:

These feature two separate meters -- one for reading forward
power and another for reading SWR. This permits one to easily
monitor both the power going out, and the SWR on the antenna.
They are from Japan, and labeled with various names, including
Swan, Siltronix, and Quement. Both have SO-239 connectors on

each end, and work fine.

Both will work on HF, and VHF, covering 3 to 150 MHz, so are ideal for the new rigs that include 6 and 2 meters.

Swan SWR-1
This one is in its original box, but the meter itself says Siltronix on it. The original instruction sheet has both Swan and Siltronix on it. $45

Quement SWB-2
No box for this one, but it works fine and looks great. With paper work for $40

SWR Bridges / Field Strength Meters:

Midland 23-126 SWR Bridge / Field Strength Meter
This is an HF SWR Bridge, but it can be used up thru 2 meters, with slightly reduced accuracy. It is also a field strength meter. SO-239 connectors.
This one works fine, and looks extremely nice. I do not see any scratches on it; it may not have ever been used. In its original box with original instructions and small telescoping antenna. $35

ThordTest SWFS-2 SWR Bridge / Field Strength Meter
Appears to be the same as the Midland above, but the outer case is beige instead of black.
In original box, with original instruction sheet, and antenna. $30

Heath HM-2102 VHF wattmeter, covering 50 to 160 MHz.

Similar to the HM-102, but for VHF frequencies, with 250 and 25 watt scales. It can also be used to check SWR, and has a remote sensor that can either be left inside the meter, or separated from the actual meter.
SO-239 connectors in and out.

This particular meter works great. It looks good, but has a small defect on the left side of the meter that does not effect operation.

Paper work included for $40.

Lightning Protectors:

"Blitz Bug" Lighting protectors
These are not as sophisticated as the Polyphaser below, but still protect against lightning. Two versions are available. One has an SO-239 connector on each end. The other has a PL-259 on one end and an SO-239 on the other end. Take your choice for $8 each.

Polyphaser IS-VU50HN-MA Lightning Protector

Polyphaser is well know for extremely good lightning
protection equipment. This coaxial antenna protector
is designed to be inserted in the coaxial cable at the
bottom of a tower.
This unit has two SO-239 connectors, and is rated to take
750 Watts from 50 to 300 MHz and from 380 to 550 MHz.

This particular unit includes the spec sheet, and appears
that it might not have been used. It is not oxidized,
or corroded.

These sell for about $75 new. Buy this one for $55.

ORIGINAL Icom operating manuals:

Please note that all of these are original Icom manuals and
are not copies. All are in very good condition.
These are original manuals only.

BC-30 Desk Charger $5
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, BP-5 battery packs $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
DC-1 DC pack for IC-2 AT series HTs $4
HM-8 Hand Microphone, w/schematic $5
IC-22 S, 2 m FM transceiver $12
IC-229, 2 meter mobile transceiver $15
IC-3 PA Power supply / speaker $10
UT-16 Voice Synthesizer $5

These are original manuals only.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

_____ Information from ESET NOD32 Antivirus, version of virus signature database 5263
(20100708) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

# 18111. Re: Icom AH-3 antenna tuner and other items FS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-09 20:56:38 UTC
From: n5ipj
Topic: 18110  Message: 18111

Email sent.
--- In ic706@yahoogroups.com, "Ken Simpson, W8EK" <KenW8EK@...> wrote:
>
> Icom AH-3 Automatic Antenna Tuner For Sale:
>
> The Icom AH-3 automatic tuner will tune continuously from
> 1.8 MHz through 30 MHz, i.e. from the low end of the 160 meter
> band to top of the 10 meter band, including 60 meters and
> all WARC bands. The AH-3 is a full HF tuner. Note that the
> newer Icom AH-4 tuner is not listed to tune below 3.5 MHz,
> while the the AH-3 is. It requires at least 5 watts to
> automatically tune, and will handle up to 120 watts.
> It requires 13 V DC to operate.
>
> The AH-3 works with any Icom radio with standard 4 pin
> rear tuner connector, such as the Icom 703, 703+, 706 series,
> 718, 746, 746Pro, 756 series (including Pros), 7000, 7200,
> nd many others. It can also be used with most any other
> radio with a simple interface (information provided).
>
> This AH-3 is in excellent condition. Paper work is included
> for $200.
>
>

# 18112. ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-18 10:13:07 UTC
From: pedroafonso2
Topic: 18112  Message: 18112

i having this problem with my 706mk2g when transmitting on fm or am mode at any band. i realigned all the vco as on service manual and still the same problem. i change mic and control head from another 706 and still.....

any help???????

Thanks

KC2-ASV

# 18113. Re: [ic706] ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-19 13:57:31 UTC
From: Mike Rodgers
Topic: 18112  Message: 18113

Icom mic? I'm told my heil traveller doesn't sound good on fm.

Mike. R

Sent from my pocket communicator

On Jul 18, 2010, at 5:13 AM, "pedroafonso2" <pedroafonso2@...> wrote:

i having this problem with my 706mk2g when transmitting on fm or am mode at any band. i realigned all the vco as on service manual and still the same problem. i change mic and control head from another 706 and still.....

any help???????

Thanks

KC2-ASV

[Non-text portions of this message have been removed]

# 18114. Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-19 17:06:51 UTC
From: pedroafonso2
Topic: 18112  Message: 18114

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Icom mic? I'm told my heil traveller doesn't sound good on fm.
>
> Mike. R
>
> Sent from my pocket communicator
>
> On Jul 18, 2010, at 5:13 AM, "pedroafonso2" <pedroafonso2@...> wrote:
>
> i having this problem with my 706mk2g when transmitting on fm or am mode at any band. i realigned all the vco as on service manual and still the same problem. i change mic and control head from another 706 and still.......
>
> any help???????
>
> Thanks
>
> KC2-ASV
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
is not the mic, i tried different and the same result.
i took the main board of the bad 706mk2g and i put it in another 706mk2g and the problem is gone, so the issue is within the main board.... any help????????

# 18115. Re: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-19 17:19:17 UTC
From: Mark Friedlander
Topic: 18112  Message: 18115

Have you ruled out the settings by doing a full system reset?

On Mon, Jul 19, 2010 at 1:06 PM, pedroafonso2 <pedroafonso2@...>wrote:

>
>
>
>
> --- In ic706@yahoogroups.com <ic706%40yahoogroups.com>, Mike Rodgers
> <mikerodgerske5gbc@...> wrote:
> >
> > Icom mic? I'm told my heil traveller doesn't sound good on fm.
> >
> > Mike. R
> >
> > Sent from my pocket communicator
> >
> > On Jul 18, 2010, at 5:13 AM, "pedroafonso2" <pedroafonso2@...> wrote:
> >
> > i having this problem with my 706mk2g when transmitting on fm or am mode
> at any band. i realigned all the vco as on service manual and still the same
> problem. i change mic and control head from another 706 and still.......
> >
> > any help???????
> >
> > Thanks
> >
> > KC2-ASV
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> is not the mic, i tried different and the same result.
> i took the main board of the bad 706mk2g and i put it in another 706mk2g
> and the problem is gone, so the issue is within the main board.... any
> help????????
>
>
>

[Non-text portions of this message have been removed]

# 18116. Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-19 17:52:16 UTC
From: pedroafonso2
Topic: 18112  Message: 18116

--- In ic706@yahoogroups.com, Mark Friedlander <marklfriedlander@...> wrote:
>
> Have you ruled out the settings by doing a full system reset?

Thanks Mike for your replay

Yes i did a full system reset and still.
as i said i put the main board from the bad 706 to another known good working 706 and shows the same problem, so it must be something wrong within the main board. i also did the c1022 vco adjustment but still.

any idea???

Thanks

# 18117. Re: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-19 21:34:54 UTC
From: Ralph Mowery
Topic: 18112  Message: 18117

Have you turned down the mic gain and turned off the processor when going to FM ?  It seems that most 706s need to have the mic gain turned way down on FM compaired to the setting for ssb.

----- Original Message ----
From: pedroafonso2 <pedroafonso2@...>
To: ic706@yahoogroups.com
Sent: Mon, July 19, 2010 1:52:16 PM
Subject: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

--- In ic706@yahoogroups.com, Mark Friedlander <marklfriedlander@...> wrote:
>
> Have you ruled out the settings by doing a full system reset?

Thanks Mike for your replay

Yes i did a full system reset and still.
as i said i put the main board from the bad 706 to another known good working 706 and shows the same problem,  so it must be something wrong within the main board.  i also did the c1022 vco adjustment but still.

any idea???

  Thanks

# 18118. RE: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-20 00:01:07 UTC
From: pedroafonso2@yahoo.com
Topic: 18112  Message: 18118

Yes I did. Mic is on 5 and com is off.

[Non-text portions of this message have been removed]

# 18119. Re: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-20 11:07:57 UTC
From: Deacon Dave
Topic: 18112  Message: 18119

AND, again AND, turn OFF the speech compressor!!!

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Monday, July 19, 2010 5:34 PM
Subject: Re: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

Have you turned down the mic gain and turned off the processor when going to FM
? It seems that most 706s need to have the mic gain turned way down on FM
compaired to the setting for ssb.

----- Original Message ----
From: pedroafonso2 <pedroafonso2@...>
To: ic706@yahoogroups.com
Sent: Mon, July 19, 2010 1:52:16 PM
Subject: [ic706] Re: ic-706mk2g muffled audio when transmitting on fm/am

--- In ic706@yahoogroups.com, Mark Friedlander <marklfriedlander@...> wrote:
>
> Have you ruled out the settings by doing a full system reset?

Thanks Mike for your replay

Yes i did a full system reset and still.
as i said i put the main board from the bad 706 to another known good working
706 and shows the same problem, so it must be something wrong within the main
board. i also did the c1022 vco adjustment but still.

any idea???

Thanks

[Non-text portions of this message have been removed]

# 18120. Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-20 13:26:05 UTC
From: pedroafonso2
Topic: 18112  Message: 18120

i think i found the culprit. its ic981. it takes care of fm and am signal from mic. pin 1 should read 4.4v (as service manual)and its read 7.21v. i measure the other good working icom 706 and the voltage there is 4.4v. so ill give it a try. will order that ic from icom today.

Thanks everybody for the help. i will let you guys know .

# 18121. Icom 706 audio receive/transmit failure - first intermittent then total.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-07-26 10:15:25 UTC
From: Tony
Topic: 18121  Message: 18121

After many months of intermittently losing audio and transmit functionality, my 706MK2G finally gave up the ghost on our club field day last week.For those who may be interested or suffering similar problems, which I had put down to overheating, here is an account of my solution:
I think I have fixed the ol' 706 after it's cerebral event on Field Day:Logic took me to the HPF board which sits in an aluminium container on main board.(see circuit below)On removing covers, set came to life. Before getting the scope out, some physical probing of of the main board revealed that slight downward pressure on the main board (as produced by the springs on the cover would do) brought on the fault condition. Broken printed circuit or dry joint I thought. Reflowed solder joints on HPF aluminium screen can seemed to help but not fully. This board has to come out I thought, looking woefully at all the ribbon cable connections etc. Bravely onward with a huge magnifier I moved. Out came the main board revealing yet more "earthing type springs and an aluminium sub chassis. How much gap between bottom of circuit board and chassis I thought?(see drawing below) so sat circuit board on a flat surface which revealed the problem. Five pins of components soldered on top surface of circuit board in the region of HPF board had not been cut off during assembly and were so close to the chassis that even fingertip downward pressure on the board caused a short. I am assuming that pressure on the outside case, heat or even a hot day was sufficient to cause expansion and downward pressure on the board. I also assume that without the excess pin length (which should have been removed on production) the clearance is sufficient!I don't think there has been any long-term damaged caused but who knows.She's been on soak test for a couple of hours now and I spoke to Andrias in Russia for ten minutes, so here's hoping.Hmmmmmmmm!
73 Tony/M0TRO

[Non-text portions of this message have been removed]

Hi Tony, the board is set to remove attachments but please upload anything you have to our files section.
Cheers
Paul G7PUV
List owner.

# 18122. Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-01 12:34:12 UTC
From: R J Gordon
Topic: 18122  Message: 18122

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

# 18123. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:15:26 UTC
From: Jerry Keller (K3BZ)
Topic: 18122  Message: 18123

Bob... the ICOM AT-180 is worth checking out too. It's a plug-in for the MkII..... 73, Jerry K3BZ

---

From: "R J Gordon" <rjgordon@...>
Sent: Sunday, August 01, 2010 8:34 AM
To: <ic706@yahoogroups.com>
Subject: [ic706] Autotuner recommendations please.

> I want to get an autotuner for my MKII, and I would appreciate any
> comments or suggestions anyone here has to offer on the subject.
>
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I
> am open to any others that you think deserve consideration.
>
> Thanks, and 73
> Bob
>
>
> ************************
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> ************************************************************
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> ************************************************************
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18124. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:22:43 UTC
From: Deacon Dave
Topic: 18122  Message: 18124

ICOM makes "Plug N Play" tuners. No need to twiddle.

I use the AH-4 in my HF 706MKiiG mobile.

Dave
----- Original Message -----
From: R J Gordon
To: ic706@yahoogroups.com
Sent: Sunday, August 01, 2010 8:34 AM
Subject: [ic706] Autotuner recommendations please.

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18125. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:31:01 UTC
From: Mark Friedlander
Topic: 18122  Message: 18125

I've been looking into this too. Here's what I've seen in my research.

I believe that the AH 4 and the AT 180 are designed for different applications. I've read that the AH 4 is designed for random wire and whips as the wire connecting to the tuner becomes part of the radiator. Many folks seem to like them with 102" CB antennas on their mobiles. I've also read that the AT 180 doesn't have as wide a range in tuning capability as the It 100. In other words some folks claim the IT 100 can tune when the AT 180 can't.

You might want to check out the reviews at eham.net

Mark KV4I

On Tue, Aug 3, 2010 at 6:22 PM, Deacon Dave <w1mce@...> wrote:

> 
> 
> ICOM makes "Plug N Play" tuners. No need to twiddle.
> 
> I use the AH-4 in my HF 706MKiiG mobile.
> 
> Dave
> ----- Original Message -----
> From: R J Gordon
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Sunday, August 01, 2010 8:34 AM
> Subject: [ic706] Autotuner recommendations please.
> 
> I want to get an autotuner for my MKII, and I would appreciate any comments
> or suggestions anyone here has to offer on the subject.
> 
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I
> am open to any others that you think deserve consideration.
> 
> Thanks, and 73
> Bob
> 
> **********
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> ************************************************************
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> ************************************************************

>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 18126. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:31:54 UTC
From: Mike Rodgers
Topic: 18122  Message: 18126

Bob, that's a big can of worms. If price is not a object the icom may be the best. I don't use a auto tuner anymore, I just love my palstar manual. I've got a ldg on the shelf and it interfaces well. I have wondered if the 200w models might be more efficient. Are you going to use it mobile or fixed? If fixed you might also consider a remote tuner so all your power gets to the antenna. The mfj stuff is a mixed bag with some happy and some not. I try to buy elsewhere if possible.

Happy QSO'ing. Mike R

On Aug 1, 2010, at 7:34 AM, "R J Gordon" <rjgordon@...> wrote:

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18127. RE: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:32:15 UTC
From: Randy Ross
Topic: 18122  Message: 18127

At my QTH, I use the AH-2. When at a remote site, somewhere, I use a LDG IT-100. BUT: I put the IT 100 in a weather-tight box at the base of whatever antenna I am using. The molex ends for the tuner controller can be purchased from Radio Shack and I use the flat four-wire trailer light cable for the 'control cable.' In my area, Northern Tool has 100' spools of 16Ga, 4 wire trailer hook-up wire for just over $25. So, I end up with a rather good "remote" tuner for under $150.

In any case, if I am using a tuner, I would always try to use a remote tuner.

Randy Ross, KI4ZJI
An ARRL Trained PIO

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
Sent: Tuesday, August 03, 2010 6:23 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Autotuner recommendations please.

ICOM makes "Plug N Play" tuners. No need to twiddle.

I use the AH-4 in my HF 706MKiiG mobile.

Dave
----- Original Message -----
From: R J Gordon
To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
Sent: Sunday, August 01, 2010 8:34 AM
Subject: [ic706] Autotuner recommendations please.

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18128. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:32:41 UTC
From: Mike Rodgers
Topic: 18122  Message: 18128

The sgc's get high marks as well

Happy QSO'ing. Mike R

On Aug 1, 2010, at 7:34 AM, "R J Gordon" <rjgordon@...> wrote:

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18129. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 23:19:40 UTC
From: Larry J. Ford
Topic: 18122  Message: 18129

Mobile use or fixed base use?

If the former (mobile), the AH-4 is hard to beat for its compatibility with the ICOM line of transceiver.

I have two AH-4s; one for an up-coming mobile install in which it will be mounted at the base/feed point of a vertical; the other is for home use for long wires, "V" beams, and even feeding doublets via balanced line.

Mobile uses include portable use for NVIS antennas for ARES and public event purposes.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: R J Gordon
To: ic706@yahoogroups.com
Sent: Sunday, August 01, 2010 8:34 AM
Subject: [ic706] Autotuner recommendations please.

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18130. Re: Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 02:43:31 UTC
From: phil_ad5x
Topic: 18122  Message: 18130

I really like the MFJ tuners. I have reviews of several of them (including the MFJ-925) on my website at www.ad5x.com.

Phil - AD5X

--- In ic706@yahoogroups.com, "R J Gordon" <rjgordon@...> wrote:
>
> I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.
>
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.
>
> Thanks, and 73
> Bob
>
>
> ************************
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> ************************************************************
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> ************************************************************
>
>
> [Non-text portions of this message have been removed]
>

# 18131. Re: [ic706] Re: Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 04:38:37 UTC
From: Ron W8RJL
Topic: 18122  Message: 18131

I use the LDG Z-11 Pro with my 706 MK2G. The Z-11 Pro has latching relays so low power consumption during tune and no power consumption once tuned. This is nice if you like to go out and operate from battery power. 73, Ron W8RJL

----- Original Message -----
From: phil_ad5x
To: ic706@yahoogroups.com
Sent: Tuesday, August 03, 2010 10:43 PM
Subject: [ic706] Re: Autotuner recommendations please.

I really like the MFJ tuners. I have reviews of several of them (including the MFJ-925) on my website at www.ad5x.com.

Phil - AD5X

--- In ic706@yahoogroups.com, "R J Gordon" <rjgordon@...> wrote:
>
> I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.
>
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.
>
> Thanks, and 73
> Bob
>
>
> ************************
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> ************************************************************
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> ************************************************************
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18132. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:00:19 UTC
From: w2dhb@aol.com
Topic: 18122  Message: 18132

Bob, I have used the LDG IT-100 mobile for about a year with my 706 feeding multiple Hustler resonators, and occasionally a G5RV when not mobile. It has performed great both on the amateur bands and MARS frequencies. 73, Pat W2DHB

In a message dated 8/3/2010 5:30:54 P.M. Eastern Daylight Time, rjgordon@... writes:

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18133. Autotuner question

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:02:49 UTC
From: Norman
Topic: 18133  Message: 18133

I have been very happy with my Icom AT-180. Matches the '706 and has taken a lot of abuse, including overseas travel.

It matches my Alpha Delta 100' long 160-80-40 meter dipole instantly.
When using my Force 12 C3SS it stays out of the circuit on 20, 15 and 10.
When using the beam on 12 and 17 it tunes right up.

Norman W9VQ

On Aug 1, 2010, at 7:34 AM, R J Gordon wrote:

I want to get an autotuner for my MKII, and I would appreciate any comments or suggestions anyone here has to offer on the subject.

The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I am open to any others that you think deserve consideration.

Thanks, and 73
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc

# 18134. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-03 22:05:17 UTC
From: IVAN
Topic: 18122  Message: 18134

I recomend to you -LDG- Z-100Plus, it have good performance with my 817ND and ICOM 706MKIIG, it include cable connection for the two equipment´s withou additional cost.
73´s Ivan EA8YG
(http://www.ldgelectronics.com/c/252/products/1/49/1)

El 01/08/2010 13:34, R J Gordon escribió:
>
> I want to get an autotuner for my MKII, and I would appreciate any
> comments or suggestions anyone here has to offer on the subject.
>
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100,
> but I am open to any others that you think deserve consideration.
>
> Thanks, and 73
> Bob
>
> **********
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> **********
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> **********
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18135. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 01:12:55 UTC
From: Tyson
Topic: 18122  Message: 18135

Hi Bob,

I have an IT-100 that I use with my 706MKIIG that works good, no problems so far. I'm using it with a Camelion V1 antenna and, with counterpoise as recommended, it seems to tune all they way between 6 and 80 meters without much trouble. Without counterpoise is a little bit hit and miss.

I haven't used the other tuners so I can't compare though, only to say the IT-100 has been working good for me.

-Tyson

On Sun, Aug 1, 2010 at 5:34 AM, R J Gordon <rjgordon@...> wrote:

> 
> 
> I want to get an autotuner for my MKII, and I would appreciate any comments
> or suggestions anyone here has to offer on the subject.
> 
> The tuners I'm looking at are the AH-4, MFJ-925, and the LDG IT-100, but I
> am open to any others that you think deserve consideration.
> 
> Thanks, and 73
> Bob
> 
> **********
> KB2ZGN
> East Rochester NY USA
> Grid FN13gc
> **********
> "I'm a time traveler, I point and laugh at archeologists."
> The Doctor
> **********
> 
> [Non-text portions of this message have been removed]
> 
> 
> 

[Non-text portions of this message have been removed]

# 18136. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 02:07:04 UTC
From: rrath
Topic: 18122  Message: 18136

I have the MKllG and I use the LDG
Z100 in my rv with the Hustler mobile
hf antennas and have no problem.
Except with 160 meter band. It will
not tune my antenna system on the
160 meter band. It is a nice little
autotuner, I would buy another one if I
had the need. This is coming from a
satisfied user.

Rod

# 18137. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 12:57:21 UTC
From: Deacon Dave
Topic: 18122  Message: 18137

Bob,

You have received lots of input. I don't think I could make a decision based on all of the great recommendations.

For a mobile setup an auto tuner and one or more center loaded antennas will work moderately well. If multiband mobile operation is to be your main operating activity, then a multi-band screwdriver class of antenna should be preferred. With the screwdriver type antenna there is no need for a tuner. Screwdrivers are moderately expensive. Multi-band mobile operation with a CB type whip and an auto tuner is possible but results will be disappointing on 160, 75 and 40 meters.

IF base station operation will be your major mode then there are many, many options from automatic tuners to manual tuners. I own and use three [3] very old manual tuners from 35+ years ago on my various HF radios feeding center fed doublets, NOT RESONANT DIPOLES, on all bands 160 through 10 meters.

My VSWR on 75 meters exceeds 30:1. My manual tuner and feedline losses are slightly over 1 dB measured. BTW: the manufacturer is/was MURCH Electronics, now out of business due to death of proprietor.

Any tuner does NOT tune the antenna! There will still be a VSWR in the feedline between the antenna and the tuner if the antenna actual load is different from 50 ohms [the Zo of the feedline]. This VSWR causes energy loss in the feedline. All tuners have a specified range of VSWR where they are effective. Some will tune less than 3:1. Others will tune less than 10:1. Still others are infinitely adjustable. Price varies with tuning range, manual or automatic.

Any tuner converts the impedance caused by the VSWR to the characteristic impedance, Zo, of the feedline between the tuner and the radio. Also, the tuner introduces a small amount of signal loss [~ 1dB +/-].

Take these guidelines, look at your checkbook, talk with your XYL, argue with your XYL, give up discussions with your XYL and buy a tuner that meets your needs. :-)

DD, W1MCE

[Non-text portions of this message have been removed]

# 18138. Re: [ic706] Autotuner recommendations please.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 14:10:28 UTC
From: Larry J. Ford
Topic: 18122  Message: 18138

Deacon Dave wrote:

"Any tuner does NOT tune the antenna! There will still be a VSWR in the feedline between the antenna and the tuner if the antenna actual load is different from 50 ohms [the Zo of the feedline]. This VSWR causes energy loss in the feedline."

This is why I like the idea of the AH-4 or any other remote autotuner that can be mounted at the feedpoint of the antenna, as RF energy loss in the feedline (coax) between the rig and the AH-4/remote tuner will be minimal.

Granted, even with a tuner at the rig and low-loss coax, the loss may be minimal, but on longer runs it can still add-up and sometimes every little bit counts! It just seems to me that the feedpoint-mounted tuner will be more efficient.

I guess you "pays your money and takes your choice!"

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Wednesday, August 04, 2010 8:57 AM
Subject: Re: [ic706] Autotuner recommendations please.

Bob,

You have received lots of input. I don't think I could make a decision based on all of the great recommendations.

For a mobile setup an auto tuner and one or more center loaded antennas will work moderately well. If multiband mobile operation is to be your main operating activity, then a multi-band screwdriver class of antenna should be preferred. With the screwdriver type antenna there is no need for a tuner. Screwdrivers are moderately expensive. Multi-band mobile operation with a CB type whip and an auto tuner is possible but results will be disappointing on 160, 75 and 40 meters.

IF base station operation will be your major mode then there are many, many options from automatic tuners to manual tuners. I own and use three [3] very old manual tuners from 35+ years ago on my various HF radios feeding center fed doublets, NOT RESONANT DIPOLES, on all bands 160 through 10 meters.

My VSWR on 75 meters exceeds 30:1. My manual tuner and feedline losses are slightly over 1 dB measured. BTW: the manufacturer is/was MURCH Electronics, now out of business due to death of proprietor.

Any tuner does NOT tune the antenna! There will still be a VSWR in the feedline between the antenna and the tuner if the antenna actual load is different from 50 ohms [the Zo of the

feedline]. This VSWR causes energy loss in the feedline. All tuners have a specified range of VSWR where they are effective. Some will tune less than 3:1. Others will tune less than 10:1. Still others are infinitely adjustable. Price varies with tuning range, manual or automatic.

Any tuner converts the impedance caused by the VSWR to the characteristic impedance, Zo, of the feedline between the tuner and the radio. Also, the tuner introduces a small amount of signal loss [~ 1dB +/-].

Take these guidelines, look at your checkbook, talk with your XYL, argue with your XYL, give up discussions with your XYL and buy a tuner that meets your needs. :-)

DD, W1MCE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18139. Re: ic-706mk2g muffled audio when transmitting on fm/am

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-04 23:39:27 UTC
From: pedroafonso2
Topic: 18112  Message: 18139

The problem was muffled audio only on Am and Fm modes at any band.
The thru hole that connect pin 4 of IC981 (vcc+) with R984 had rust in it and it didn't conduct, was short it out.
So i solder a piece of wire between pin 4 and R984 on the other side of pcb. And it worked nice and clean.

# 18140. Re: Autotuner recommendations please. Thanks to all.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-05 09:39:35 UTC
From: R J Gordon
Topic: 18140  Message: 18140

I want to thank each and every one that responded to my query. As Deacon Dave pointed out, I, "have received lots of input" and yes, it is going to take some time to come to a decision on what to buy.

Some have asked about how I intend to use it. My primary need and initial use will be at home. Because of restrictions, I had only worked from my vehicle in the past using a 102" SS whip antenna and a Drake tuner, (MN4?) that allowed me to get a good match on 20 through 10 meters. I got rid of the car, but may be installing a setup in a van in the near future, so it looks like I'll be buying a second tuner before long. I am worried about the close proximity of the antenna to the van should I use a bumper ball mount. That's a bit farther down the road time wise. For now I'm planning my base setup and will worry about the mobile installation when the time comes.

Again, thanks to everyone that took the time to share their thoughts and experiences. I really appreciate it.

73,
Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

[Non-text portions of this message have been removed]

# 18141. Donner interface with Ic-706mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-05 11:28:19 UTC
From: wa4tc
Topic: 18141  Message: 18141

Is anyone using the Donner interface with Ic-706mk2g I'm looking to purchasing one today. But I seen one case of a red flag on this interface. I've had two rascal interfaces in the past, but they have priced them out on my price range,and the 13 pin cable too upgrade to the 706 is almost the price of a new complete Donner interface
Please reply to me off the reflector wa4tc@...

[Non-text portions of this message have been removed]

# 18142. Problem with only 2 meters on 706 II G

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-05 15:40:54 UTC
From: mmal1523
Topic: 18142  Message: 18142

My IIg has been in the mobile for many years and no problems untill this past month. This only happens on 2 meters. many times when I key the mic nothing happens unless I key it Several times. Two days ago it showed no po on 2 FM or CW. 440 works normally. Any thoughts ???

Mike NE9O

# 18143. Re: Donner interface with Ic-706mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-06 13:46:12 UTC
From: wa4tc
Topic: 18141  Message: 18143

As of yesterday evening I have purchase a Donner interface for the 706mk2g Thank-you to all that responded to my question.
Thanks and God Bless Ted wa4tc
ps. now waiting on USPS
----- Original Message -----
From: wa4tc
To: ic706@yahoogroups.com ; tentenlist ; 1010_chapters@yahoogroups.com
Sent: Thursday, August 05, 2010 7:28 AM
Subject: Donner interface with Ic-706mk2g

Is anyone using the Donner interface with Ic-706mk2g I'm looking to purchasing one today. But I seen one case of a red flag on this interface. I've had two rascal interfaces in the past, but they have priced them out on my price range,and the 13 pin cable too upgrade to the 706 is almost the price of a new complete Donner interface
Please reply to me off the reflector wa4tc@...

[Non-text portions of this message have been removed]

# 18144. Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-06 23:19:05 UTC
From: Mike Rodgers
Topic: 18144  Message: 18144

Does anyone have a 706 mk2g service manual with the Mitsubishi finals?
Anyone have or seen one or have part # for one with the mittsubishi finals.
I'm guessing I'd have to order from icom or maybe one of the service centers.

Happy QSO'ing. Mike R

# 18145. RE: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 02:29:20 UTC
From: Robert Alford
Topic: 18144  Message: 18145

This was Copy and Pasted from QRZ.com

The 706MKIIG radio has 2 different versions of the PA

board. The older PA board's finals (1590002690)aka

(srfj7044) are no longer available and would require

replacement of the PA board. The newer style PA board

transistors are part# 1560001190 (rd70HVF) and can be

ordered by The 2 styles of transistors are not

interchangeable.

The complete PA board is part# 98413600 and sells for

apx $442. The catch 22 is that this board is the old

style board, with the old transistors. We do not have

the new style boards available yet so, if the finals

fail again, it's another board replacement.

Though I may Walk Through The Valley Of The Shadow Of Death I Will Fear NO Evil, For I Am The Meanest Son Of A Bitch In The Valley

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@...
Date: Fri, 6 Aug 2010 16:19:05 -0700
Subject: [ic706] Service manual

Does anyone have a 706 mk2g service manual with the Mitsubishi finals?

Anyone have or seen one or have part # for one with the mittsubishi finals.

I'm guessing I'd have to order from icom or maybe one of the service centers.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18146. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 02:04:01 UTC
From: Jim Derra
Topic: 18144  Message: 18146

i downloaded several manuals from dkmods.com.  both service and owners manuals and modifications

--- On Fri, 8/6/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: [ic706] Service manual
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Friday, August 6, 2010, 11:19 PM

Does anyone have a 706 mk2g service manual with the Mitsubishi finals?
Anyone have or seen one or have part # for one with the mittsubishi finals.
I'm guessing I'd have to order from icom or maybe one of the service centers.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18147. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 01:55:50 UTC
From: Jason Chambers
Topic: 18144  Message: 18147

I have a service manual at home but will have to look in it to see if it has mitsobishi in it, I will send you a message in the morning if it does

Jason
Kb8srx

On Fri Aug 6th, 2010 7:19 PM EDT Mike Rodgers wrote:

>Does anyone have a 706 mk2g service manual with the Mitsubishi finals?
>Anyone have or seen one or have part # for one with the mittsubishi finals.
>I'm guessing I'd have to order from icom or maybe one of the service centers.
>
>Happy QSO'ing. Mike R
>
>
>

# 18148. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 05:56:46 UTC
From: Jack
Topic: 18144  Message: 18148

there is not a separate service book that is known, there are tech notes and
they are all over for download. I sent him the service book that is avail.

Jack E. Foster
----- Original Message -----
From: "Jason Chambers" <kb8srx@...>
To: <ic706@yahoogroups.com>
Sent: Friday, August 06, 2010 9:55 PM
Subject: Re: [ic706] Service manual

>I have a service manual at home but will have to look in it to see if it
>has mitsobishi in it, I will send you a message in the morning if it does
>
> Jason
> Kb8srx
>
> On Fri Aug 6th, 2010 7:19 PM EDT Mike Rodgers wrote:
>
>>Does anyone have a 706 mk2g service manual with the Mitsubishi finals?
>>Anyone have or seen one or have part # for one with the mittsubishi
>>finals.
>>I'm guessing I'd have to order from icom or maybe one of the service
>>centers.
>>
>>Happy QSO'ing. Mike R
>>
>>
>>
>
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18149. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 06:11:50 UTC
From: jeryb77
Topic: 18144  Message: 18149

Mike,

Order Icom part # 97712860U which is labeled as an Updated IC-706MKIIG
Service Manual .

Jerry

----- Original Message -----
From: "Mike Rodgers" <mikerodgerske5gbc@...>
To: <ic706@yahoogroups.com>
Sent: Friday, August 06, 2010 7:19 PM
Subject: [ic706] Service manual

> Does anyone have a 706 mk2g service manual with the Mitsubishi finals?

# 18150. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 09:58:42 UTC
From: Mike Rodgers
Topic: 18144  Message: 18150

I've ordered the new style transistors from rf parts. $30 a piece. Hf still works. VHF/UHF uses the same part as a single. It looks like the hf finals have been very hot as well because flux is oozed out. I don't know if that's normal. They are going to get hot but what's too hot. On the VHF it got hot enough to melt the solder and do some damage to the board. I don't know if the part failed or entirely heat related.
on my other 706 mk2. No g. I have reduced power to be on the safe side.

Happy QSO'ing. Mike R

On Aug 6, 2010, at 9:29 PM, Robert Alford <mw1coe@...> wrote:

This was Copy and Pasted from QRZ.com

The 706MKIIG radio has 2 different versions of the PA

board. The older PA board's finals (1590002690)aka

(srfj7044) are no longer available and would require

replacement of the PA board. The newer style PA board

transistors are part# 1560001190 (rd70HVF) and can be

ordered by The 2 styles of transistors are not

interchangeable.

The complete PA board is part# 98413600 and sells for

apx $442. The catch 22 is that this board is the old

style board, with the old transistors. We do not have

the new style boards available yet so, if the finals

fail again, it's another board replacement.

Though I may Walk Through The Valley Of The Shadow Of Death I Will Fear NO Evil, For I Am The Meanest Son Of A Bitch In The Valley

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@...
Date: Fri, 6 Aug 2010 16:19:05 -0700
Subject: [ic706] Service manual

Does anyone have a 706 mk2g service manual with the Mitsubishi finals?

Anyone have or seen one or have part # for one with the mittsubishi finals.

I'm guessing I'd have to order from icom or maybe one of the service centers.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18151. Re: [ic706] Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 10:05:45 UTC
From: Mike Rodgers
Topic: 18144  Message: 18151

Thanks for all the replys. There is a part next to the pa I would like to identify.
It pays to ask again for I didn't get this much info last time. Thanks again.
Happy QSO'ing. Mike R

On Aug 7, 2010, at 12:56 AM, Jack <jack.mrfixit198@...> wrote:

there is not a separate service book that is known, there are tech notes and
they are all over for download. I sent him the service book that is avail.

Jack E. Foster
----- Original Message -----
From: "Jason Chambers" <kb8srx@...>
To: <ic706@yahoogroups.com>
Sent: Friday, August 06, 2010 9:55 PM
Subject: Re: [ic706] Service manual

>I have a service manual at home but will have to look in it to see if it
>has mitsobishi in it, I will send you a message in the morning if it does
>
> Jason
> Kb8srx
>
> On Fri Aug 6th, 2010 7:19 PM EDT Mike Rodgers wrote:
>
>>Does anyone have a 706 mk2g service manual with the Mitsubishi finals?
>>Anyone have or seen one or have part # for one with the mittsubishi
>>finals.
>>I'm guessing I'd have to order from icom or maybe one of the service
>>centers.
>>
>>Happy QSO'ing. Mike R
>>
>>
>>
>
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18152. Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-07 23:54:50 UTC
From: peter
Topic: 5196  Message: 18152

HI, My Icom 796 keep switching off and comming back for itself....
I had it on battries and a power supply still doing the same thing beep beep on and off...

has anyone had this problem......
Peter 9y4pj

# 18153. RE: [ic706] Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-08 09:33:49 UTC
From: Richard Blandford
Topic: 5196  Message: 18153

Hi Peter

I keep having the same problem, I posted it on the 706 forum, which you can check and I also asked for help from Icom UK. Try cleaning the pins on the head unit and also check the power plug lugs to see if they are a good fit onto the socket. I think that you will find that the problem is one of these or perhaps both. I found the problem is most frequent after I have taken the radio out of the shack for portable use, when I use the separation kit, it works fine till I bring it back into the shack and fit the head unit and re connect it to my power supply. Icom suggested re tensioning the pins on the head unit, but didn't say how to do it.

My 706 is under warranty till mid August but since it is an intermittent fault I'm reluctant to return it to Icom as you can bet the fault won't occur when it is on test!

Hope these comments help

Richard M0RBG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of peter
Sent: 07 August 2010 23:55
To: ic706@yahoogroups.com
Subject: [ic706] Icom 706

HI, My Icom 796 keep switching off and comming back for itself....
I had it on battries and a power supply still doing the same thing beep beep on and off...

has anyone had this problem......
Peter 9y4pj

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3058 - Release Date: 08/08/10 06:35:00

# 18154. FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-09 17:24:46 UTC
From: Joe Julio
Topic: 5196  Message: 18154

I've been using my 706 MKII on mobile for about 15 year and last week left the car on repair shop and the guys removed the radio from dash panel and put it back but changed the screw for a little bit long, the result were, blow up the flat cable, and I am not sure if the rig still ok, becouse is died. I need to change the flat cable and check it after.

Main question, does anyone know a comercial flat cable to replace it.

Best regards,

73 de PY2EJ - Joe

[Non-text portions of this message have been removed]

# 18155. Re: FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-09 23:37:58 UTC
From: pedroafonso2
Topic: 5196  Message: 18155

well i deal with those cables this month, trying to fix the radio i mess with those flat cables.one of them was shielded so i ordered from icom,cost me 19$ + shipping.then last week i had problem with other flat cable. this time was a regular flat 20 pin cable, i ordered from digikey at 4.50$ plus shipping. i have the 706-G. What cable are you having problem with?????

# 18159. RE: [ic706] Re: FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-10 20:16:53 UTC
From: Joe Julio
Topic: 5196  Message: 18159

Pedro,

The one who connect the Main Board (J13) to PLL Board (J2) - it is 30 pin flat cable, it delivers power and data between each other.

se souber de algo me avise.

73 de PY2EJ

To: ic706@yahoogroups.com
From: pedroafonso2@...
Date: Mon, 9 Aug 2010 23:37:58 +0000
Subject: [ic706] Re: FLAT CABLE - 706 MKII

well i deal with those cables this month, trying to fix the radio i mess with those flat cables.one of them was shielded so i ordered from icom,cost me 19$ + shipping.then last week i had problem with other flat cable. this time was a regular flat 20 pin cable, i ordered from digikey at 4.50$ plus shipping. i have the 706-G. What cable are you having problem with?????

[Non-text portions of this message have been removed]

# 18160. Re: [ic706] Re: FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-10 21:38:09 UTC
From: pedro afonso
Topic: 5196  Message: 18160

yes thats the one it cost 19$ from icom, its shielded cable. search digikey for it, it should be a lot cheaper

---

From: Joe Julio <py2ej@...>
To: ic706@yahoogroups.com
Sent: Tue, August 10, 2010 4:16:53 PM
Subject: RE: [ic706] Re: FLAT CABLE - 706 MKII

Pedro,

The one who connect the Main Board (J13) to PLL Board (J2) - it is 30 pin flat cable, it delivers power and data between each other.

se souber de algo me avise.

73 de PY2EJ

To: ic706@yahoogroups.com
From: pedroafonso2@...
Date: Mon, 9 Aug 2010 23:37:58 +0000
Subject: [ic706] Re: FLAT CABLE - 706 MKII

well i deal with those cables this month, trying to fix the radio i mess with those flat cables.one of them was shielded so i ordered from icom,cost me 19$ + shipping.then last week i had problem with other flat cable. this time was a regular flat 20 pin cable, i ordered from digikey at 4.50$ plus shipping. i have the 706-G. What cable are you having problem with?????

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18161. My 706 goes deaf too....

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-11 20:38:31 UTC
From: oh4ggw
Topic: 18161  Message: 18161

Hello!

My 706MK2G goes deaf, but a littlebit different way as here has been wroted.

My 706 works couple minutes fine, then i can hear relay saying "click" and then it goes absolutely deaf and signal meter starts showing S9+60dB.

When i´m trying to change a band, i can´t hear band changing relay working. After turning rig off for a couple minutes, and when i turn it on, signal meter goes slowly to zero and same time i start to hear noise as normally.

I´ve tried to spray rig with freeze spray while it is on "fault-mode", but witout help...or i have to say it worked about month fine, but then it started to go deaf. I didn´t locate broken soldering.

# 18162. Re: [ic706] FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-11 21:39:25 UTC
From: Dean L.
Topic: 5196  Message: 18162

How many conductors are in the cable?
I have some 8 conductor flat cables E/W RG-45 connectors on each end.
They were made for the AT&T phone systems for under carpet use. They are 25 ft long.
Let me know if this would help you out. If the connectors are wrong they could be changed out to something else.

73 ☐ Dean W5GXL ☐

W5GXL@...

712-270-2000

On Aug 9, 2010, at 12:24 PM, Joe Julio wrote:

>
> I've been using my 706 MKII on mobile for about 15 year and last week left the car on repair shop and the guys removed the radio from dash panel and put it back but changed the screw for a little bit long, the result were, blow up the flat cable, and I am not sure if the rig still ok, becouse is died. I need to change the flat cable and check it after.
>
> Main question, does anyone know a comercial flat cable to replace it.
>
> Best regards,
>
> 73 de PY2EJ - Joe
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18163. Re: [ic706] FLAT CABLE - 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-11 21:41:53 UTC
From: pedro afonso
Topic: 5196  Message: 18163

i think its 30 pins cable, and shielded. very delicate flat cable.

---
From: Dean L. <w5gxl@...>
To: ic706@yahoogroups.com
Sent: Wed, August 11, 2010 5:39:25 PM
Subject: Re: [ic706] FLAT CABLE - 706 MKII

How many conductors are in the cable?
I have some 8 conductor flat cables E/W RG-45 connectors on each end.
They were made for the AT&T phone systems for under carpet use. They are 25 ft
long.
Let me know if this would help you out. If the connectors are wrong they
could be changed out to something else.

73 ☐ Dean W5GXL ☐

W5GXL@...

712-270-2000

On Aug 9, 2010, at 12:24 PM, Joe Julio wrote:

>
> I've been using my 706 MKII on mobile for about 15 year and last week left the
>car on repair shop and the guys removed the radio from dash panel and put it
>back but changed the screw for a little bit long, the result were, blow up the
>flat cable, and I am not sure if the rig still ok, becouse is died. I need to
>change the flat cable and check it after.
>
> Main question, does anyone know a comercial flat cable to replace it.
>
> Best regards,
>
> 73 de PY2EJ - Joe
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18164. Re: [ic706] My 706 goes deaf too....

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-11 22:35:05 UTC
From: "Glenn (KØBO)"
Topic: 18161  Message: 18164

oh4ggw wrote:
> Hello!
>
> My 706MK2G goes deaf, but a littlebit different way as here has been wroted.
>
> My 706 works couple minutes fine, then i can hear relay saying "click" and then it goes absolutely deaf and signal meter starts showing S9+60dB.
>
> When i´m trying to change a band, i can´t hear band changing relay working. After turning rig off for a couple minutes, and when i turn it on, signal meter goes slowly to zero and same time i start to hear noise as normally.
>
> I´ve tried to spray rig with freeze spray while it is on "fault-mode", but witout help...or i have to say it worked about month fine, but then it started to go deaf. I didn´t locate broken soldering.
>

A few guesses assuming you have checked the obvious....

Bad squelch pot? (RF gain in HF)

How does it work in FM?

There is a little ribbon cable in the head that connects the pots to the main board of the display that may have become loose

# 18165. Re: My 706 goes deaf too....

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-12 06:20:04 UTC
From: oh4ggw
Topic: 18161  Message: 18165

--- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> oh4ggw wrote:
> > Hello!
> >
> > My 706MK2G goes deaf, but a littlebit different way as here has been wroted.
> >
> > My 706 works couple minutes fine, then i can hear relay saying "click" and then it goes absolutely deaf and signal meter starts showing S9+60dB.
> >
> > When i´m trying to change a band, i can´t hear band changing relay working. After turning rig off for a couple minutes, and when i turn it on, signal meter goes slowly to zero and same time i start to hear noise as normally.
> >
> > I´ve tried to spray rig with freeze spray while it is on "fault-mode", but witout help...or i have to say it worked about month fine, but then it started to go deaf. I didn´t locate broken soldering.
> >
>
> A few guesses assuming you have checked the obvious....
>
> Bad squelch pot? (RF gain in HF)
>
> How does it work in FM?
>
> There is a little ribbon cable in the head that connects the pots to the main
> board of the display that may have become loose
>

Hello and thanks for reply!

OK, i´ll have check that cable...

My 706 doesn´t work on any mode or band. Rig doesn´t also transmit.

# 18166. Re: My 706 goes deaf too....

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-13 12:39:18 UTC
From: oh4ggw
Topic: 18161  Message: 18166

--- In ic706@yahoogroups.com, "oh4ggw" <oh4ggw@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@> wrote:
> >
> > oh4ggw wrote:
> > > Hello!
> > >
> > > My 706MK2G goes deaf, but a littlebit different way as here has been wroted.
> > >
> > > My 706 works couple minutes fine, then i can hear relay saying "click" and then it goes absolutely deaf and signal meter starts showing S9+60dB.
> > >
> > > When i´m trying to change a band, i can´t hear band changing relay working. After turning rig off for a couple minutes, and when i turn it on, signal meter goes slowly to zero and same time i start to hear noise as normally.
> > >
> > > I´ve tried to spray rig with freeze spray while it is on "fault-mode", but witout help...or i have to say it worked about month fine, but then it started to go deaf. I didn´t locate broken soldering.
> > >
> >
> > A few guesses assuming you have checked the obvious....
> >
> > Bad squelch pot? (RF gain in HF)
> >
> > How does it work in FM?
> >
> > There is a little ribbon cable in the head that connects the pots to the main
> > board of the display that may have become loose
> >
>
> Hello and thanks for reply!
>
> OK, i´ll have check that cable...
>
> My 706 doesn´t work on any mode or band. Rig doesn´t also transmit.
>

Well, i just removed/cleaned 3 flat cables that are a bit up from filters. I think there´s some bad soldering on pcb. When i pressed pcb right side of these cables, i could hear relay "click" and "clack". "clack" is sound for malfunction goes off...

# 18167. Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-14 20:32:24 UTC
From: Randall
Topic: 18167  Message: 18167

Any one know what the serial number range is for the ICOM 706 MKII ?

thanks
Randall

# 18168. Re: [ic706] Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-14 23:25:15 UTC
From: Mike Rodgers
Topic: 18167  Message: 18168

I'm confused with this question. I would assume they started over numbering with each change but maybe not? I have a 2 and a g. No idea as to the age of the 2 it's number 9843. It says mk2-a

Happy QSO'ing. Mike R

On Aug 14, 2010, at 3:32 PM, "Randall" <N0UTJ@...> wrote:

Any one know what the serial number range is for the ICOM 706 MKII ?

thanks
Randall

[Non-text portions of this message have been removed]

# 18169. RE: [ic706] Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-14 23:42:09 UTC
From: Randall
Topic: 18167  Message: 18169

I guess I'm wondering how many were made. I saw one with a 01100 serial number. Must have been close to the beginning of the model.

Randall

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@...m] On Behalf Of Mike Rodgers
Sent: Saturday, August 14, 2010 6:25 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Serial numbers for 706 MKII

I'm confused with this question. I would assume they started over numbering with each change but maybe not? I have a 2 and a g. No idea as to the age of the 2 it's number 9843. It says mk2-a

Happy QSO'ing. Mike R

On Aug 14, 2010, at 3:32 PM, "Randall" <N0UTJ@...> wrote:

Any one know what the serial number range is for the ICOM 706 MKII ?

thanks
Randall

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18170. Re: Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-15 15:49:22 UTC
From: DGBartholomew
Topic: 18167  Message: 18170

A lot of manufacturers will use a simple date code as part of the serial number. If the 9842 is part of a longer code, then it might mean it was manufactured in the 43rd week of 1998. My 706MkIIg isn't right here or I'd check it and see what it says. I bought it in Sept 2001, so if the suspected date code portion said something like 0026 it would mean it spent a lot of time on a warehouse or store shelf before it was sold to me - which wouldn't be surprising.

Dave AD7DB

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I'm confused with this question. I would assume they started over numbering with each change but maybe not? I have a 2 and a g. No idea as to the age of the 2 it's number 9843. It says mk2-a
>
> Happy QSO'ing. Mike R
>
> On Aug 14, 2010, at 3:32 PM, "Randall" <N0UTJ@...> wrote:
>
> Any one know what the serial number range is for the ICOM 706 MKII ?
>
> thanks
> Randall
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18171. RE: [ic706] Re: Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-15 16:25:37 UTC
From: Richard Blandford
Topic: 18167  Message: 18171

Why not ask Icom this question?

Richard M0RBG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of DGBartholomew
Sent: 15 August 2010 15:49
To: ic706@yahoogroups.com
Subject: [ic706] Re: Serial numbers for 706 MKII

A lot of manufacturers will use a simple date code as part of the serial number. If the 9842 is part of a longer code, then it might mean it was manufactured in the 43rd week of 1998. My 706MkIIg isn't right here or I'd check it and see what it says. I bought it in Sept 2001, so if the suspected date code portion said something like 0026 it would mean it spent a lot of time on a warehouse or store shelf before it was sold to me - which wouldn't be surprising.

Dave AD7DB

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I'm confused with this question. I would assume they started over numbering with each change but maybe not? I have a 2 and a g. No idea as to the age of the 2 it's number 9843. It says mk2-a
>
> Happy QSO'ing. Mike R
>
> On Aug 14, 2010, at 3:32 PM, "Randall" <N0UTJ@...> wrote:
>
> Any one know what the serial number range is for the ICOM 706 MKII ?
>
> thanks
> Randall
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3073 - Release Date: 08/15/10
06:35:00

# 18172. Re: [ic706] Re: Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-15 16:50:35 UTC
From: Mike Rodgers
Topic: 18167  Message: 18172

I've never heard a reference to that way of numbering for any icom rigs and the manufacturers that do try to keep it secret.

Happy QSO'ing. Mike R

On Aug 15, 2010, at 11:25 AM, "Richard Blandford" <m0rbg@...> wrote:

Why not ask Icom this question?

Richard M0RBG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of DGBartholomew
Sent: 15 August 2010 15:49
To: ic706@yahoogroups.com
Subject: [ic706] Re: Serial numbers for 706 MKII

A lot of manufacturers will use a simple date code as part of the serial number. If the 9842 is part of a longer code, then it might mean it was manufactured in the 43rd week of 1998. My 706MkIIg isn't right here or I'd check it and see what it says. I bought it in Sept 2001, so if the suspected date code portion said something like 0026 it would mean it spent a lot of time on a warehouse or store shelf before it was sold to me - which wouldn't be surprising.

Dave AD7DB

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I'm confused with this question. I would assume they started over numbering with each change but maybe not? I have a 2 and a g. No idea as to the age of the 2 it's number 9843. It says mk2-a
>
> Happy QSO'ing. Mike R
>
> On Aug 14, 2010, at 3:32 PM, "Randall" <N0UTJ@...> wrote:
>
> Any one know what the serial number range is for the ICOM 706 MKII ?
>
> thanks
> Randall
>
>
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.851 / Virus Database: 271.1.1/3073 - Release Date: 08/15/10
06:35:00

[Non-text portions of this message have been removed]

# 18173. My MKIIG crash

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-16 19:18:44 UTC
From: ivan
Topic: 18173  Message: 18173

I do not know the problem (¿?) my MKIIG have a few time trasnmiting and receiving perhaps 100 hours turn on and transiting I think 10 to 15 hours is really as new.
When I turn on after 10/15 minutes do not receive do not transmit (¿?)
I reset the trasceiver push (down-up and the power on) some time the s meter go to 60 plus ++++++ (¿?) after I go the power off and past 15 minutes reset again but the problem persist, I look the Tech notes from "Mike Nadeau - N1EQ" and I do not know if the problem from diodes or trimmer´s or other (¿?).
Any can help, ......(¿?)
73´s Ivan EA8YG

# 18177. Re:Serial numbers for 706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-19 03:37:55 UTC
From: R J Gordon
Topic: 18167  Message: 18177

Mine is also a MK2-a, SN/ 05273 and it's around 10 years old IIRC.

Bob

**********
KB2ZGN
East Rochester NY USA
Grid FN13gc
**********
"I'm a time traveler, I point and laugh at archeologists."
The Doctor
**********

# 18178. Need Help With IC-706 original model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-19 05:17:16 UTC
From: r390b
Topic: 18178  Message: 18178

I keep asking for assistance over the years on several of the Icom groups, but will ask again.

I am in need of a good copy of the PC board layouts for the old 706. There are several online, including Icom's manual site, but the board layouts are unreadable. (like they were scanned at too low a res, or saved as a jpg at too high a compression, that sort of thing.)

I have the factory service manuals for the MkII and MkIIG (or at least did...) and they were very easy to read, quite crisp, etc.

The problem I'm having appears to be common among the original 706 -- the bandpass filter board is intermittent on several bands, dead on others, etc. No problem with the main board itself, it is sending the correct signals. The problem is with the relays, diodes and switching transistors on the BPF board and I'd like to repair the darned thing -- as Icom no longer will do so. (and I don't blame them!!)

My plan is to use similar, but uprated switching transistors and steering diodes and attempt to find some common relays to replace those that have a problem. Luckily I can still change bands "manually" using clip-leads, so my relays appear to be OK, the problem seems to lie in the transistors and such.

Why am I wanting to put so much work in an old radio like the original 706?? Because I can. I have an IC-7000, and several other newer radios and a shelf full of modern military radios, but I have service literature on most of those, and they all work. The poor little 706 has been sitting unappreciated for quite a while and is starting to look even more pitiful as more and more dust accumulates over the years.... heehee

If I find a good easy fix to the generally unreliable thing, I could help others with the same problem, or maybe even have a spare working radio to give to a new ham who can't afford one. Your help with my project could make such a thing a reality. (hmmm, I've been reading too many marketing textbooks over the years, now I'm starting to sound like a salesman or something... I assure you I'm not. LOL)

Anyway, whatever help anyone could spare would be greatly appreciated.

Best 73

Tom NU4G

# 18179. IC-706 detachable HEAD

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-18 20:47:33 UTC
From: Teodoro Leon Miranda
Topic: 18179  Message: 18179

hello, I have a question... the display (the detachable head) of an IC-706MKIIG is compatible with an IC-706?... mine is black in the center of the display...

thanks
Teo
HP1DJJ

[Non-text portions of this message have been removed]

# 18180. Re: [ic706] IC-706 detachable HEAD

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-19 13:51:29 UTC
From: Larry J. Ford
Topic: 18179  Message: 18180

I don't know for a certainty, but I think I read that the detachable control heads are NOT interchangeable between models.

I have both an "original" 706 and a 706MKII, and there are different implementations of certain function buttons (e.g., the "Memory Channel" button), so I think that's one reason they are not interchangeable.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Teodoro Leon Miranda
To: ic706@yahoogroups.com
Sent: Wednesday, August 18, 2010 4:47 PM
Subject: [ic706] IC-706 detachable HEAD

hello, I have a question... the display (the detachable head) of an IC-706MKIIG is compatible with an IC-706?... mine is black in the center of the display...

thanks
Teo
HP1DJJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18181. Re: IC-706 detachable HEAD

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-19 17:59:19 UTC
From: kav246
Topic: 18179  Message: 18181

Hello

I had a brief test with a mk11G head on a standard mk11.

It lit up, the tuning control worked and so did the band and mode buttons.

Thats all I got to check.

No scientific reason for checking. We could so we did. It was a quiet day haha!

Kav

--- In ic706@yahoogroups.com, Teodoro Leon Miranda <hp1djj@...> wrote:
>
> hello, I have a question... the display (the detachable head) of an IC-706MKIIG is compatible with an IC-706?... mine is black in the center of the display...
>
> thanks
> Teo
> HP1DJJ
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18182. Re: Need Help With IC-706 original model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-20 00:30:21 UTC
From: kd8dvy@ymail.com
Topic: 18178  Message: 18182

Have you look at my PDF in the files location of this group and if so i am sorry if they are not clear enough for you I can see if I can get a better copy of them and send it via snail mail.

Harold
KD8DVY

--- In ic706@yahoogroups.com, "r390b" <fernblatt@...> wrote:
>
> I keep asking for assistance over the years on several of the Icom groups, but will ask again.
>
> I am in need of a good copy of the PC board layouts for the old 706. There are several online, including Icom's manual site, but the board layouts are unreadable. (like they were scanned at too low a res, or saved as a jpg at too high a compression, that sort of thing.)
>
> I have the factory service manuals for the MkII and MkIIG (or at least did...) and they were very easy to read, quite crisp, etc.
>
> The problem I'm having appears to be common among the original 706 -- the bandpass filter board is intermittent on several bands, dead on others, etc. No problem with the main board itself, it is sending the correct signals. The problem is with the relays, diodes and switching transistors on the BPF board and I'd like to repair the darned thing -- as Icom no longer will do so. (and I don't blame them!!)
>
> My plan is to use similar, but uprated switching transistors and steering diodes and attempt to find some common relays to replace those that have a problem. Luckily I can still change bands "manually" using clip-leads, so my relays appear to be OK, the problem seems to lie in the transistors and such.
>
> Why am I wanting to put so much work in an old radio like the original 706?? Because I can. I have an IC-7000, and several other newer radios and a shelf full of modern military radios, but I have service literature on most of those, and they all work. The poor little 706 has been sitting unappreciated for quite a while and is starting to look even more pitiful as more and more dust accumulates over the years.... heehee
>
> If I find a good easy fix to the generally unreliable thing, I could help others with the same problem, or maybe even have a spare working radio to give to a new ham who can't afford one. Your help with my project could make such a thing a reality. (hmmm, I've been reading too many marketing textbooks over the years, now I'm starting to sound like a salesman or something... I assure you I'm not. LOL)
>
> Anyway, whatever help anyone could spare would be greatly appreciated.
>
> Best 73

>
> Tom NU4G
>

# 18183. FS: Icom 706mk2g & Z-11 Pro tuner...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-20 18:10:32 UTC
From: Bob Pariza
Topic: 18183  Message: 18183

For Sale: Icom 706Mk2G

A very nice, clean 'Mk2G, serial #021xxx. This radio has the optional narrow SSB filter (FL-223) and the optional carrying handle (MB-72) installed. It also has the HM-118TN microphone with tones. When I got this rig I took it to our local tech who went through it and made certain that everything was operating correctly and within specs. He also did the 60-meter mod. This is really a great radio and has seen almost no use since I've had it.

The price is $725, double boxed and shipped to your door (in the lower 48) via UPS ground. Pictures are available upon request, questions are welcomed.

Also For Sale: LDG Z-11 Pro Antenna Tuner

A very clean Z-11 Pro tuner. The box is marked "blemished" and the only flaw that I can find is one small chip on the corner of the cover, just above the upper-left corner of the front panel. This tuner works just great and is a terrific partner for the '706. It's small, fast and easy to work with. I bought this tuner new and it too has seen almost no use.

The price is $125, double boxed and shipped to your door (in the lower 48) via UPS ground. Pictures are available upon request, questions are welcomed.

Buy both for $825, again double boxed and delivered in the lower 48 via UPS ground.

If you have any questions or want to make an offer, please contact me off-list @ bpariza at yahoo.com.

Thanks, Bob

# 18184. Re: IC-706 detachable HEAD

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-21 08:18:52 UTC
From: zl1tbg
Topic: 18179  Message: 18184

I have the 706 and a MK2G and the heads do operate on each other's radios.

You won't get a DSP menu for the 706 (should be no surprise)

I think the RIT worked OK but cannot remember that part exactly. You won't get the RIT rotary encoder to change memories though, but thats no surprise as the 706 never did this anyway.

Fortunately all the other functions appeared normal.
Ralph

--- In ic706@yahoogroups.com, "kav246" <smartlock.pro@...> wrote:
>
> Hello
>
> I had a brief test with a mk11G head on a standard mk11.
>
> It lit up, the tuning control worked and so did the band and mode buttons.
>
> Thats all I got to check.
>
>
> No scientific reason for checking. We could so we did. It was a quiet day haha!
>
> Kav
>
>
>
> --- In ic706@yahoogroups.com, Teodoro Leon Miranda <hp1djj@> wrote:
> >
> > hello, I have a question... the display (the detachable head) of an IC-706MKIIG is compatible with an IC-706?... mine is black in the center of the display...
> >
> > thanks
> > Teo
> > HP1DJJ
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 18185. ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 01:25:29 UTC
From: Larry J. Ford
Topic: 18185  Message: 18185

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services

Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18186. RE: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 01:31:03 UTC
From: Bruce Krochman
Topic: 18185  Message: 18186

I have that very problem, of course I did not send my radio anywhere for repairs yet. If you find out what is causing it, please share. I did try a reset and that did not fix it by the way.

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Saturday, August 21, 2010 6:25 PM
To: ic706@yahoogroups.com
Subject: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian

To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services
Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18187. Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 09:40:15 UTC
From: LEWIS THOMAS
Topic: 18185  Message: 18187

have you tried the obvious , there is a small metal tab behind the tuning control that moves up or down , it acts like a brake , down for on and fully up for off , and tuning control will spin freely
73 Lewis

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Sunday, 22 August, 2010 2:25:29
Subject: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services
Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18188. Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 10:02:55 UTC
From: Erik Klein
Topic: 18185  Message: 18188

maybe they forgotten to solder the encoder back to the pcb after fixing the other problem?

----- Original Message -----
From: LEWIS THOMAS
To: ic706@yahoogroups.com
Sent: Sunday, August 22, 2010 11:40 AM
Subject: Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

have you tried the obvious , there is a small metal tab behind the tuning control that moves up or down , it acts like a brake , down for on and fully up for off , and tuning control will spin freely
73 Lewis

_____
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Sunday, 22 August, 2010 2:25:29
Subject: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element

holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services
Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18189. Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 15:41:39 UTC
From: Larry J. Ford
Topic: 18185  Message: 18189

Bingo!

I had sent an e-mail to the repair shop just before posting to the list, and subsequently got an e-mail back from the owner stating it was most likely the encoder and asking that I send only the control back. He also apologized for the inconvenience. (I hope that means I won't be charged for the repair if they did something like not resoldering the encoder back.)

I guess if it is the encoder, and he only wants the control head back, that the encoder is mounted to a board in the control head?

The repair it was sent in for was to repair/replace a bent AF/RF Gain control shaft.

I think this MK II rig is "cursed." I have an original 706 which has worked perfectly since Day 1, and has never seen the inside of a repair shop (knock on wood). Of course, it has never been mobile or field duty, either.

But this MK II rig is a different story. I bought it from another ham who said it was working perfectly. However, when I got it from him, it would not transmit on FM, so I sent it in for repair. Because the repair shop described the problem in writing and stated that it was not something that could have happened suddenly, but would have developed over a long period, I did get the other guy to pay the repair bill. Then the AF/RF Gain control shaft mysteriously turned-up bent. Now this. This will be the rig's third trip to the repair shop in a year. Well, hopefully, the old saying is true that "Third time's charm!"

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Erik Klein
To: ic706@yahoogroups.com
Sent: Sunday, August 22, 2010 6:02 AM
Subject: Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

maybe they forgotten to solder the encoder back to the pcb after fixing the other problem?

----- Original Message -----
From: LEWIS THOMAS
To: ic706@yahoogroups.com
Sent: Sunday, August 22, 2010 11:40 AM
Subject: Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

have you tried the obvious , there is a small metal tab behind the tuning
control that moves up or down , it acts like a brake , down for on and fully up
for off , and tuning control will spin freely
73 Lewis

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Sunday, 22 August, 2010 2:25:29
Subject: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334

----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services
Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18190. Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-22 15:28:56 UTC
From: Larry J. Ford
Topic: 18185  Message: 18190

Obviously, "Yes."

Larry J. Ford
KG4GPJ
----- Original Message -----
From: LEWIS THOMAS
To: ic706@yahoogroups.com
Sent: Sunday, August 22, 2010 5:40 AM
Subject: Re: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

have you tried the obvious , there is a small metal tab behind the tuning control that moves up or down , it acts like a brake , down for on and fully up for off , and tuning control will spin freely
73 Lewis

---
From: Larry J. Ford <lford@usa.net>
To: ic706@yahoogroups.com
Sent: Sunday, 22 August, 2010 2:25:29
Subject: [ic706] ICOM IC-706 MKII - Tuning Knob Does Not Work

I just got my 706 MKII back from the repair shop (sent in for a bent AF/RF Gain control shaft), took it out of the shipping box I got from the shop, hooked it up, turned on the power, and found that the Tuning Knob does not work in any function - not for frequency tuning nor for any of the submenus, such as setting power.

I tried switching the "Lock" button on and off several times, but that has no effect. Should I try a full system "reset" or is there something else I can try to see if there's a simple solution.

If not, I guess I have to send it back to the repair shop. Bummer.

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Friday, August 20, 2010 12:28 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Got the above items by UPS yesterday. Thanks for the quick turnaround.

Now I've got another issue. Found a used ICOM AH-2b mobile antenna setup for sale. However, it is missing what the AH-2b documents call the "antenna element holder." (See attached PDF, top left corner for illustration.)

The element holder is what the whip antenna slides into, the whip is tightened down with hex screws, and then the element holder screws into the spring base and is tightened down.

Can you get this as a replacement part, and how much would it cost? Need to know before I try to make a deal with the seller of the AH-2b.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Wednesday, August 04, 2010 7:11 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Good Morning:

Hello Larry:

That shouldn't be a problem. I should have them serviced in a couple of weeks. Sounds like a very interesting event.

73,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: Matt Adrian
Sent: Tuesday, August 03, 2010 9:55 AM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Wasn't trying to bug or rush you, just looking for an update. Later this month will be fine. I would like to have both units back later this month, if possible, you don't need to order parts, etc.

I have an event in September, a 100 mile bike race through the mountains of North Georgia [1], that I provide HF NVIS communications for in a really tough spot deep in a valley in the Chattahoochee National Forest where no cell phone, VHF, or UHF comm will work. It's at the foot of a long run down a 4000 foot high mountain, the bikers get up a real head of steam coming down, and they had a fatal crash there a few years ago. I use the 706 MKII and this year plan on using the AH-4 for my comm set-up there.

Larry J. Ford
KG4GPJ

[1] Not exactly the "Tour de France," but close. More like the "Tour de Grits!"
----- Original Message -----
From: Matt Adrian
To: Larry J. Ford
Sent: Monday, August 02, 2010 9:42 PM
Subject: Re: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Hello Larry:

It has been a busy summer. I will try and service it in a short period of time. It might be a simple repair. I appreciate the telephone call.

Thank you,
Matt Adrian
ICOM Service Center - MI
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334
----- Original Message -----
From: Larry J. Ford
To: SAR Technical Services
Sent: Monday, August 02, 2010 5:32 PM
Subject: KG4GPJ - ICOM IC-706 MKII and ICOM AH-4

Matt,

Kept getting a busy signal on your phone, so I thought I'd try e-mailing.

I know from the postings on eHam and our last phone conversation that you're "buried" with repair work due to storms in the Midwest and going to ICOM school, but I'm wondering if you've had a chance to look at the 706 MKII and AH-4 I sent in July?

If not, any time frame that you can pass along?

Do you need a credit card number?

Thanks,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18191. Re: [ic706] IC-706 detachable HEAD

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-23 13:03:49 UTC
From: Teodoro Leon Miranda
Topic: 18179  Message: 18191

thanks a lot.

--- El jue, 8/19/10, Larry J. Ford <lford@...> escribió:

De: Larry J. Ford <lford@...>
Asunto: Re: [ic706] IC-706 detachable HEAD
A: ic706@yahoogroups.com
Fecha: jueves, 19 de agosto de 2010, 08:51 am

I don't know for a certainty, but I think I read that the detachable control heads are NOT interchangeable between models.

I have both an "original" 706 and a 706MKII, and there are different implementations of certain function buttons (e.g., the "Memory Channel" button), so I think that's one reason they are not interchangeable.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Teodoro Leon Miranda
To: ic706@yahoogroups.com
Sent: Wednesday, August 18, 2010 4:47 PM
Subject: [ic706] IC-706 detachable HEAD

hello, I have a question... the display (the detachable head) of an IC-706MKIIG is compatible with an IC-706?... mine is black in the center of the display...

thanks
Teo
HP1DJJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18192. icom 706 owners manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-25 22:48:27 UTC
From: espin
Topic: 18192  Message: 18192

would like to buy an owners manual for the 706 not mk11 or mk11g ....thanks espin

# 18193. Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-23 09:32:14 UTC
From: Mike Rodgers
Topic: 611  Message: 18193

Larry, sure hate to hear of your troubles. I've got a mk2 that I got used from a dealer and it's worked flawlessly knock on wood. I've got a mk2g I bought new that needs repairing but it's been mobile most of it's life and had a good bit of hot Texas sun.

Matt has a good reputation but I guess one slipped through the cracks on the final test. Too bad it was yours.

Happy QSO'ing. Mike R

# 18194. Re: My 706 goes deaf too....

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-26 05:23:16 UTC
From: Tony
Topic: 18161  Message: 18194

Hello
Have you checked out my message 18121 on this topic?
Very similar symptoms and now fully fixed
73
Tony

--- In ic706@yahoogroups.com, "oh4ggw" <oh4ggw@...> wrote:
>
> Hello!
>
> My 706MK2G goes deaf, but a littlebit different way as here has been wroted.
>
> My 706 works couple minutes fine, then i can hear relay saying "click" and then it goes absolutely deaf and signal meter starts showing S9+60dB.
>
> When i´m trying to change a band, i can´t hear band changing relay working. After turning rig off for a couple minutes, and when i turn it on, signal meter goes slowly to zero and same time i start to hear noise as normally.
>
> I´ve tried to spray rig with freeze spray while it is on "fault-mode", but witout help...or i have to say it worked about month fine, but then it started to go deaf. I didn´t locate broken soldering.
>

# 18195. Re: icom 706 owners manual

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-26 05:35:07 UTC
From: tysonfromcanada
Topic: 18192  Message: 18195

Here you go:

http://www.rigpix.com/icom/ic706_manual.pdf

-Tyson

--- In ic706@yahoogroups.com, "espin" <scajax@...> wrote:
>
> would like to buy an owners manual for the 706 not mk11 or mk11g ....thanks espin
>

# 18196. Re: [ic706] Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-26 13:27:32 UTC
From: Larry J. Ford
Topic: 611  Message: 18196

How did you know it was Matt?

Anyway, looks like he's going to make good on it, plus sell me an "antenna element holder" for an ICOM AH-2b antenna system at his dealer cost, but he's that kind of guy. That's why I keep recommending him.

ICOM America wanted $107.76 for a stainless steel part that's about 4 or 5 inches long; its screws into the spring mount at the base of the AH-2b, then a whip slides into the opening at the top of the holder and is secured by a couple of Allen screws. Shipping weight is less than a pound.

Hopefully, this will get my mobile installation up and running when that MKII comes back from Matt.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Monday, August 23, 2010 5:32 AM
Subject: [ic706] Tuning knob

Larry, sure hate to hear of your troubles. I've got a mk2 that I got used from a dealer and it's worked flawlessly knock on wood. I've got a mk2g I bought new that needs repairing but it's been mobile most of it's life and had a good bit of hot Texas sun.

Matt has a good reputation but I guess one slipped through the cracks on the final test. Too bad it was yours.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18197. Re: [ic706] Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-27 02:08:36 UTC
From: Mike Rodgers
Topic: 611  Message: 18197

I believe you mentioned it.

Happy QSO'ing. Mike R

On Aug 26, 2010, at 8:27 AM, "Larry J. Ford" <lford@...> wrote:

How did you know it was Matt?

Anyway, looks like he's going to make good on it, plus sell me an "antenna element holder" for an ICOM AH-2b antenna system at his dealer cost, but he's that kind of guy. That's why I keep recommending him.

ICOM America wanted $107.76 for a stainless steel part that's about 4 or 5 inches long; its screws into the spring mount at the base of the AH-2b, then a whip slides into the opening at the top of the holder and is secured by a couple of Allen screws. Shipping weight is less than a pound.

Hopefully, this will get my mobile installation up and running when that MKII comes back from Matt.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Monday, August 23, 2010 5:32 AM
Subject: [ic706] Tuning knob

Larry, sure hate to hear of your troubles. I've got a mk2 that I got used from a dealer and it's worked flawlessly knock on wood. I've got a mk2g I bought new that needs repairing but it's been mobile most of it's life and had a good bit of hot Texas sun.

Matt has a good reputation but I guess one slipped through the cracks on the final test. Too bad it was yours.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18198. Re: [ic706] Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-27 13:51:28 UTC
From: Larry J. Ford
Topic: 611  Message: 18198

Nope, just reviewed my postings on this topic again, and no mention of which ICOM repair shop was involved.

However, in the past, I have highly recommended Matt Adrian's shop, SAR Technical Services, an authorized ICOM Service Center in St. Joseph, MI, and I still do so, especially in light of his superb handling of this situation.

Perhaps you recalled my prior recommendations. Another local ham had a "dead" IC-7000 which had problems that the ICOM Service Center in the SE basically gave up on. I suggested he send it to Matt (actually I had suggested he send it to Matt in the first place, but the guy didn't listen to me), and Matt got it up and running again in short order at a very reasonable repair charge.

It's all good!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Thursday, August 26, 2010 10:08 PM
Subject: Re: [ic706] Tuning knob

I believe you mentioned it.

Happy QSO'ing. Mike R

On Aug 26, 2010, at 8:27 AM, "Larry J. Ford" <lford@...> wrote:

How did you know it was Matt?

Anyway, looks like he's going to make good on it, plus sell me an "antenna element holder" for an ICOM AH-2b antenna system at his dealer cost, but he's that kind of guy. That's why I keep recommending him.

ICOM America wanted $107.76 for a stainless steel part that's about 4 or 5 inches long; its screws into the spring mount at the base of the AH-2b, then a whip slides into the opening at the top of the holder and is secured by a couple of Allen screws. Shipping weight is less than a pound.

Hopefully, this will get my mobile installation up and running when that MKII comes back from Matt.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Monday, August 23, 2010 5:32 AM
Subject: [ic706] Tuning knob

Larry, sure hate to hear of your troubles. I've got a mk2 that I got used from a dealer and it's worked flawlessly knock on wood. I've got a mk2g I bought new that needs repairing but it's been mobile most of it's life and had a good bit of hot Texas sun.

Matt has a good reputation but I guess one slipped through the cracks on the final test. Too bad it was yours.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18199. AH-2b w/AH-4 and IC-706 MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-27 18:35:24 UTC
From: Larry J. Ford
Topic: 18199  Message: 18199

I was able to pick-up a used ICOM AH-2b mobile antenna system at a fair price for a mobile installation. I'll be using an ICOM AH-4 and IC-706 MKII with the AH-2b antenna system.

For anyone who has been down that route who has any comments, suggestions, or tips, please let me hear them - I'm "all ears!"

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18200. Re: Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-28 20:38:30 UTC
From: Tom Root
Topic: 611  Message: 18200

Matt Adrian (of St. Joseph, MI) is very dependable and does very good work....I've had personal experience and personal contact with him on more than one occasion....I'm very satisfied with him and would use him on my ICOM stuff again if necessary....T

Tom Root, WB8UUJ

Flushing, MI USA

[Non-text portions of this message have been removed]

# 18201. Re: [ic706] Re: Tuning knob

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-29 01:20:19 UTC
From: Larry J. Ford
Topic: 611  Message: 18201

Absolutely agree!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Tom Root
To: ic706@yahoogroups.com
Sent: Saturday, August 28, 2010 4:38 PM
Subject: [ic706] Re: Tuning knob

Matt Adrian (of St. Joseph, MI) is very dependable and does very good work....I've had personal experience and personal contact with him on more than one occasion....I'm very satisfied with him and would use him on my ICOM stuff again if necessary....T

Tom Root, WB8UUJ

Flushing, MI USA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18202. 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-30 10:21:09 UTC
From: m0hlt
Topic: 18202  Message: 18202

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

# 18203. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-30 15:28:52 UTC
From: Deacon Dave
Topic: 18202  Message: 18203

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

# 18204. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-30 15:32:13 UTC
From: Andy Cox
Topic: 18202  Message: 18204

Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have the Original model,Serial num 04450

---
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Mon, 30 August, 2010 16:28:52
Subject: Re: [ic706] 706HF/VHF model

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18205. Bad xmit & recv audio on H.F. ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-30 22:36:44 UTC
From: Jimmy
Topic: 18205  Message: 18205

After rig has been on awhile, my ssb audio on both xmit & rcv goes bad. On recieve it sounds like a nearby strong station is de-sentizing the reciever. It happens when the rig has been on for about 15 minutes so I thought that the problem was heat sensitive. The internal cooling fan comes on and I put an external muffin fan on the unit. The case cools down but the problem is still there. After turning the rig off for about 1/2 hour and turning it back on the audio is O.K. My next thought is that it is a voltage problem somewhere. Any suggestions?

Thanks

# 18206. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 11:28:20 UTC
From: Deacon Dave
Topic: 18202  Message: 18206

:-)

Well I can't advise on the EU model 706. I have no experience on the model nor have I ever looked at the schematic.

I will comment that in the USA models the diode to be removed is obvious once the unit has its cover removed. They are the ONLY diodes in the general location.

Suggestion: open the covers and take a look.

DD
----- Original Message -----
From: Andy Cox
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 11:32 AM
Subject: Re: [ic706] 706HF/VHF model

Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have the Original model,Serial num 04450

--------------------------------
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Mon, 30 August, 2010 16:28:52
Subject: Re: [ic706] 706HF/VHF model

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18207. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 18:42:21 UTC
From: Andy Cox
Topic: 18202  Message: 18207

Yep I have had a look inside and have removed D59,BUT no luck,You say "DIODES"
Meaning more then One? Are you saying that I have to remove more then one?

---
From: Deacon Dave <w1mce@comcast.net>
To: ic706@yahoogroups.com
Sent: Tue, 31 August, 2010 12:28:20
Subject: Re: [ic706] 706HF/VHF model

:-)

Well I can't advise on the EU model 706. I have no experience on the model nor
have I ever looked at the schematic.

I will comment that in the USA models the diode to be removed is obvious once
the unit has its cover removed. They are the ONLY diodes in the general
location.

Suggestion: open the covers and take a look.

DD
----- Original Message -----
From: Andy Cox
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 11:32 AM
Subject: Re: [ic706] 706HF/VHF model

Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have

the Original model,Serial num 04450

---
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Mon, 30 August, 2010 16:28:52
Subject: Re: [ic706] 706HF/VHF model

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has
been talked about many times? The Expanded TX mod,I have looked at many web

sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18208. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 20:10:13 UTC
From: Joe Isabella
Topic: 18202  Message: 18208

There may be others that need removed in the EU model. I can't recall off the top of my head, but I believe mine has none installed...

Joe, N3JI

---

From: Andy Cox <m0hlt@...>
To: ic706@yahoogroups.com
Sent: Tue, August 31, 2010 1:42:21 PM
Subject: Re: [ic706] 706HF/VHF model

Yep I have had a look inside and have removed D59,BUT no luck,You say "DIODES" Meaning more then One? Are you saying that I have to remove more then one?

---

From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Tue, 31 August, 2010 12:28:20
Subject: Re: [ic706] 706HF/VHF model

:-)

Well I can't advise on the EU model 706. I have no experience on the model nor have I ever looked at the schematic.

I will comment that in the USA models the diode to be removed is obvious once the unit has its cover removed. They are the ONLY diodes in the general location.

Suggestion: open the covers and take a look.

DD
----- Original Message -----
From: Andy Cox
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 11:32 AM
Subject: Re: [ic706] 706HF/VHF model

Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have

the Original model,Serial num 04450

---

From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Mon, 30 August, 2010 16:28:52
Subject: Re: [ic706] 706HF/VHF model

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18209. Re: [ic706] 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 21:31:17 UTC
From: Larry J. Ford
Topic: 18202  Message: 18209

If you do some "Google" searches on the internet for "706 modifications" and iterations of those terms, you'll find several sites which outline the mods required.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Andy Cox
To: ic706@yahoogroups.com
Sent: Tuesday, August 31, 2010 2:42 PM
Subject: Re: [ic706] 706HF/VHF model

Yep I have had a look inside and have removed D59,BUT no luck,You say "DIODES" Meaning more then One? Are you saying that I have to remove more then one?

---
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Tue, 31 August, 2010 12:28:20
Subject: Re: [ic706] 706HF/VHF model

:-)

Well I can't advise on the EU model 706. I have no experience on the model nor have I ever looked at the schematic.

I will comment that in the USA models the diode to be removed is obvious once the unit has its cover removed. They are the ONLY diodes in the general location.

Suggestion: open the covers and take a look.

DD
----- Original Message -----
From: Andy Cox
To: ic706@...m
Sent: Monday, August 30, 2010 11:32 AM
Subject: Re: [ic706] 706HF/VHF model

Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have

the Original model,Serial num 04450

---
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Mon, 30 August, 2010 16:28:52
Subject: Re: [ic706] 706HF/VHF model

Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.

I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
----- Original Message -----
From: m0hlt
To: ic706@yahoogroups.com
Sent: Monday, August 30, 2010 6:21 AM
Subject: [ic706] 706HF/VHF model

Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18210. 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 22:47:09 UTC
From: Enrique E.Poinsot
Topic: 18202  Message: 18210

Tema: Mod de Icom IC-706 MARS/CAP (aqu? est?!) De:modificaci?n de kg7fu@... (KG7FU) MARS/CAP para ICOM IC-706:Herramientas requeridas:1) destornillador principal de #0 Philips

2) pinzas de la lupa delcaut?n de la extremidad del l?piz de 10 - 15 vatios

3)Quite la cubierta SUPERIOR quitando tres tornillos principales de losphilips en la tapa y uno en cada cara. Mueva el corchete del altavozapartado. Localice D-59, ?ste es tres un diodo de la terminal SMD enun conjunto de SOT, cerca de 1 x 3 mil?metros (con el panel delanterode radio orientado hacia usted, D-59 est? situado en una fila de los diodos de SMD apenas a la derecha de la cabecera del cbale de la cinta sobre 9 el filtro FL-30 del megaciclo SSB. Hay pistas para 5 diodos con solamente tres instalados. D-59 est? al segundo de la izquierda). Las pinzas de Useing y un caut?n del bajo-vatiaje (y lalupa, en caso de necesidad) quitan D-59 appplying un cierto calor a la sola cara de la pierna del dispositivo mientras que levantan suavemente, despu?s aplican calor a las otras dos piernas y a quitarel dispositivo. Tenga cuidado de no aplicar demasiado calor, de norasgar o de no quemarse ningunos rastros o de no dejar exceso desoldadura en el PWB.Substituya el corchete del altavoz y la cubierta superior. Aplique lapotencia y reajuste el microprocesador.TX = 1600 kHz - 54,00 118,000 - 174,000 megaciclos del megaciclo yDe James Kg7fukg7fu@... kg7fu@...

ic-706-3.TXT
ic-706-2.TXT

---

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

OVERALL IMPRESSION

"Too good to be true". This was my understandable reaction to Icom's announcement of the IC-706 amateur radio transceiver last summer. It looked like my dream mobile rig: very small size,detachable face plate, all HF bands, FSK, 6 meters with 100 watts... AND 2 meters, all in one rig? It sounds too good to be true, but after using this radio in my car for about a month, I can tell you that this radio is real. Although the rig is not without its faults, Icom has produced an innovative masterpiece. The rig does just about everything as advertised. It is an easy-to-use radio that replaces several other radios that I was operating in my car.

Over the Christmas holidays, I took a couple of long car trips here in Texas. The 706 was installed under a car seat, leaving plenty of room for luggage and packages. (Do NOT block the top of the rig. Leave room for air circulation. The rig gets VERY hot when transmitting!) The face plate was installed just below

the dash within easy sight when driving. I used headphones, so my wife and daughter could listen to CDs while I was working DX. The headphone plugged into the face plate. I used a 7-foot whip mounted on the trunk of the car tuned for the SSB portion of 6 meters, my favorite band. The radio was a pleasure to use, even while driving.

During a nice opening on 6 meters on the evening of December 27, I worked several new grid squares in the midwest and Arizona. I also worked North Dakota for the first time. I was able to work a station in Mexico City quite easily, despite the pileup. That 100 watts sure helps. (I previously used a 10-watt rig.) The sensitivity of the receiver, although not quite what the "pros" would want, was quite adequate. Noise from the car engine was only a minor problem; the noise blanker was effective for SSB.

During the trip I also listened to a football game on TV channel 2, listened to truckers' traffic reports on CB channel 19 (27.185 MHz), worked a couple of 10m stations during the sporadic E opening on December 27, worked a couple of 20m stations, listened to WWV on 2.5, 5, and 10 MHz, eavesdropped on some interesting baby monitors and cordless phones on 49 MHz, listened to NOAA weather forecasts on 162.55 MHz, monitored some aircraft traffic, and did some ragchewing on 2-meter repeaters. Not bad for ONE radio!

PRICE

I paid $1249 for mine at Tucker Electronics in Dallas. They told me that they have sold about 200 of them in six weeks, making the IC- 706 their best selling rig of all time. They are getting them from Icom in lots of 20 and are having trouble keeping them in stock.

Prices for accessories are pretty high. There is little profit margin in the box, so they make up for it with high accessory prices. The cable to allow for front-panel detachment is $48.

UNIQUE FEATURES AND INNOVATIONS

See http://www.icomamerica.com/icom/amateur/hf#ic-706

for a list of features.

* The smallest HF rig on the market (similar in size to the Kenwood TS-50)

* Detachable face plate with a jack for a speaker or headphone. The mic plugs into the face plate using a plug similar to a modular telephone plug. (A spare plug is included.) The cable to allow for this detachment costs extra.

* Full HF/VHF transmit coverage from 1.6 to 54 MHz and 144-148 MHz (the rig transmits only on the ham bands out of the box, but an easy modification unlocks the transmitter, see below)

* General coverage receive from 50 KHz to 163 MHz (requires modification, see below) Rig receives up to 200 MHz but with poor sensitivity above 162 MHz even with the modification. You will be able to receive: longwave, AM broadcast band, shortwave broadcast, all amateur bands in all modes from 160m to 2m, FM

broadcast band (wide FM), aircraft (118-136 MHz AM), VHF from 30 MHz to about 162 MHz, US TV channels 2 through 6, NOAA weather at 162 MHZ.

* 6 meters and 2 meters, all-mode

* 100 watts on HF and 6 meters (10 watts on 2 meters)

* Innovative, easy-to-operate menu system. It becomes quite easy and natural to use after reading the well-written manual for about an hour. (In contrast to my Yaesu FT-470 HT, which I still cannot figure out.)

* The manual is very well written, with lots of easy-to-understand diagrams.

* Simple, but useful and configurable band scope. (Previously available only on very expensive rigs like the Icom 781.) This allows you to examine nearby frequencies for activity.

* Split frequency operation appears complicated at first, but the rig's "quick split" mode makes it fast and easy.

* Built-in electronic keyer at no extra charge. The Up/Down buttons on the mic can be used as a paddle. This has rejuvenated by interest in CW. I worked a couple of slow CW stations on the novice portion of 80m, which made me remember how fun CW is.

* FSK (Nice feature for this price range)

* DTMF and programmable offset for repeaters and split frequency work

* Good audio reports from contacted stations. A station on 3.85 MHz reported "a very good signal for a mobile". A 2m FM station reported "very good audio ... so that's the 706 I've been hearing about."

* Works very well with the AH-3 antenna tuner. This is the Icom HF (1.8-30 MHz) random wire tuner that worked with the 725. The tuner is mounted under the trunk lid of my car with cable ties. It can also be mounted outdoors. It will tune any 8-foot whip or wire for any HF band. (You need 40 feet for it to tune to 160m.) You can press a button to enable the tuner, or the tuner can fire off automatically if your SWR is too high. With my 7-foot 6-meter whip, I can tune to any HF band above 3.5 MHz. That means I need only one simple antenna for HF and 6m.

* 100 memories that store frequency, split offset, mode, and FM tone.

* Two antenna connectors: one for HF/6m and one for 2m. The connectors are switched at 60 MHz.

* Jacks for remote speaker and/or headphones on both the face plate and the back of the rig.

* Multifunction meter: S meter, SWR, relative power output, ALC.

DRAWBACKS/FLAWS

* Extended VHF receive requires modification (see below).

* Poor sensitivity above 162 MHz.

* Noise blanker does not work on AM. Very irritating pulse noise on AM while the car's engine is on. The blanker works well on other modes (except FM, where it is not needed). Not good for listening to AM while driving. A rather serious flaw in my opinion, since my $40 CB has a noise blanker that works well.

* Poor QSK (full break-in) capability. Not recommended for high-speed CW operators who want QSK. Use semi-break-in instead.

* No CW narrow filter. You can install one as an extra-cost option or use an external CW filter or DSP unit.

* The built-in speaker provides surprisingly good audio for its size, but you will probably want to use an external speaker. The speaker can be connected to the face plate or to the rig itself.

* Automatic repeater offset is not programmed into the rig. You need to program -600 or +600 yourself through the menu system. This is not a problem if you store your favorite repeaters into one of the 100 memories.

* The S-meter is inaccurate below S9. Above S9, it is quite accurate.

* High prices for accessories (typical of just about all other vendors)

* The AH-3 antenna tuner is shipped with an unshielded cable, which picks up a lot of auto engine noise. You need to make your own shielded 4-wire cable. The AH-3 also blocks signals above 54 MHz. It also only works for HF, not for 6m or 2m.

* Expect performance and receiver sensitivity similar to other rigs in this price range. This is a low-end rig in terms of price. For price vs. performance, this is probably the best amateur radio of all time. However, it will not outperform your $4000 rig. You probably won't win contests with it. You will have a lot of fun and own a nearly ideal rig for mobile work.

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver
2) Tweezers
3) Magnifying glass
4) Low-wattage (15 watt) soldering iron
5) Long-nosed pliers

MODIFICATION 1:

Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band transmit. Your memories will be cleared after this modification, since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny diodes, two blank spaces, and one additional diode. They look something like this:

D108

[XX] [XX] [ ] [ ] [XX]

Remove this diode ^^^^

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a low-wattage soldering iron and pull it up with tweezers. Be sure not to damage the other diodes or the PCB. Be sure that you don't apply too much heat, since the heat can damage the PCB and the other diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2:

Enables more sensitive receive above the 2 meter band. (148 to about 162 MHz; after that, sensitivity drops off.) Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper clip in the side of the connector under the wire, push it in, and pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.

```
+------------------------+
| | *
[XX] [XX] [XX] [XX] [XX] +-O *** J8
*
Solder wire into this hole ^
```

8) Solder a small wire into this hole. Be careful not to pply too much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

---

From n1ist@... Sat Dec 9 13:09:51 1995
Received: from amber.ccs.neu.edu (root@... [129.10.111.100]) by kalypso.cybercom.net (8.6.12/8.6.12) with ESMTP id NAA17980 for <scott@...>; Sat, 9 Dec 1995 13:09:51 -0500
Resent-From: n1ist@...
Received: from nuhub.dac.neu.edu (nuhub.dac.neu.edu [129.10.1.6])
by amber.ccs.neu.edu (8.7.1/8.7.1) with ESMTP id NAA28432
for <scotte@...>; Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Resent-Date: Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Received: from neu.edu by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5V0PCI9C8462@...>; Sat, 9 Dec 1995 13:13:57 EST

Received: from netcom5.netcom.com by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5KK0E89C2YHK@...>; Sat, 9 Dec 1995 13:13:45 EST
Received: by netcom5.netcom.com (8.6.12/Netcom) id KAA03382; Sat,
9 Dec 1995 10:07:29 -0800
Date: Sat, 09 Dec 1995 10:07:29 -0800
From: n1ist@... (Michael L. Ardai)
Subject: Icom 706 mod
Resent-to: scotte@...
To: wy1z@...
Resent-message-id: <01HYLS5V1RXG9C8462@...>
Message-id: <199512091807.KAA03382@...>
X-Envelope-to: scotte@...
X-VMS-To: IN%"wy1z@..."
Content-transfer-encoding: 7BIT
Status: RO
X-Status:

Xref: netcom.com rec.radio.amateur.equipment:23290
Path: netcom.com!ix.netcom.com!howland.reston.ans.net!newsfeed.internetmci.com!news.compus
erve.com!newsmaster
From: <72336.3354@compuserve.com>
Newsgroups: rec.radio.amateur.equipment
Subject: Icom 706 modification list
Date: 9 Dec 1995 07:16:37 GMT
Organization: CompuServe Incorporated
Lines: 141
Message-ID: <4abd4l$d95@...>
NNTP-Posting-Host: dd63-002.compuserve.com
Content-Type: text/plain
Keywords: ICOM 706 MOD MODIFICATION MODS
Content-length: 6007
X-Newsreader: AIR Mosaic (16-bit) version 1.00.198.07

ICOM-706 MODIFICATIONS
As of Dec. 9, 1995

SUMMARY
-------

MODIFICATION 1: Enables extended transmit from 1.6 to 54 MHz inclusive.
MODIFICATION 2: Enables extended receive from .05 to about 165 MHz inclusive.

CAUTION
-------

Improperly performed modifications can severely damage your radio.
Use extreme caution. Proceed at your own risk.

Transmitting on frequencies other than those assigned to the amateur
radio service may be illegal.

TOOLS RECOMMENDED
---

1) Small philips-head screwdriver
2) Magnifying glass
3) Small wattage (15 watt) soldering iron with a small tip
4) Long-nosed pliers
5) Paper clip
6) Tweezers

MODIFICATION 1
---

Result of modification: The IC-706 transmits only on the ham bands. This modification allows for transmit on any frequency from 1.6 to 54 MHz. The radio will also continue to transmit on 2 meters (144 to 148 MHz in the United States) at 10 watts output. This modification will NOT allow for transmit on the AM or FM broadcast bands. The radio will appear to transmit on most frequencies above 54 MHz, but the power output will be a milliwatt or less. The highest power output will be 100 watts from 1.6 to 54 MHz (SSB, FM, CW; 40 watts AM) and 10 watts on 2 meters. (SSB, FM, CW; 4 watts AM) Note: This modification requires that you reset the CPU. All memory information will be erased.

1) Disconnect the power cable. Open the TOP cover of the radio. You will need to remove only 5 screws: three on the top of the radio and one screw on each side. Pull up the speaker carefully and set it aside. Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly marked on the top of it. Now look to the right. Note the "D 108" marking. Below this marking, there are three tiny black diodes. There are two diodes, followed by two blank sockets, followed by another diode.

3) The second diode from the left (the middle diode) is diode D-59. This diode needs to be removed. There are many ways to remove this diode. The easiest way is to crush it with long-nosed pliers. Another way is to use a low-wattage soldering iron and tweezers and carefully heat the diode, then pull with the tweezers. Be extremely careful not to apply too much heat.

4) Re-assemble the radio. Press and hold the UP and DOWN buttons on the right side of the front panel, and while holding them down, turn on the power. This resets the CPU.

MODIFICATION 2
---

Result of modification: The bandpass filters on the IC-706 are improperly wired. As a result, the radio does not receive any

stations above 129 MHz, except in the 2-meter band. This modification
allows for reception up to about 165 MHz.

(Note: If your radio receives the FM broadcast band (88-108 MHz), the aircraft band
(108-136 MHz), 2 meters, and stations above 148 MHz, it is possible that the modification
has already been performed by Icom; you may have a later model.)

1) Open the TOP cover of the radio. You will need to remove only
5 screws: three on the back of the radio and one screw on each side.
Pull up the speaker carefully and set it aside. Look at the radio
from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly
marked on the top of it. Now move your eyes toward the back of the
radio until you notice a long white connector with several colored
wires on it.

3) The 4th wire from the left, a yellow wire, needs to be removed
from the connector. You can cut this wire carefully if you wish.
Or, another alternaive is to remove it from the connector. Stick a paper clip or
perhaps a pin into the side of the connector under the yellow wire.
Pull the wire with tweezers and remove it. There are two yellow wires;
be sure to remove the 4th wire from the left, not the other one.

4) Open the BOTTOM of the radio, removing similar screws as you did
when you removed the TOP.

5) Look at the PC board just behind the MENU button. You will notice
a jack marked "J8" with a grey cable coming out of it.

6) To the left of jack J8, you will see five tiny transistors.
Look at the middle transistor. Follow the light green circuit board
trace from the middle transistor to a tiny hole just to the left of J9.

7) The yellow wire from the top of the radio needs to be connected
to this transistor. The easiest way is to solder a small insulated
wire to the yellow wire you just removed, run this new wire underneath
the radio to the hole you found in #6 above, put the wire into the hole, and
solder the wire into the hole with a low-wattage soldering iron.
Use caution not to damage the grey cable or to apply too much heat.
This could damage the PCB and seriously affect the radio.

If you perform only steps 1 through 3, you will be able to hear stations
above 148 MHz, but you will not be able to hear FM broadcast stations
on the 88-108 MHz band.

RECEPTION SUGGESTIONS
---

1) You need to use wide FM to receive FM broadcast signals on the
88-108 MHz band, or TV sound signals between 59 and 87 MHz. To
receive wide FM, press the MODE button until "FM" or "FM-T" appears
on the display, then press and hold the MODE button for two seconds.

"WFM" should now appear on the display, and you should be able to hear the FM broadcast stations. Reception quality is quite good if you use a decent external speaker.

2) Aircraft (118-136 MHz) uses AM. You will need to set the radio to AM to receive aircraft.

3) The sensitivity of the radio diminishes rapidly after about 165 MHz. NOAA weather stations (162.40 to 162.55) are clearly audible, however.

4) If you find the FM broadcast signals overload the aircraft portion of the bands, disable the preampifier by pressing PREAMP (the green light should go out.)

[Non-text portions of this message have been removed]

# 18211. 706HF/VHF MODIFICATION

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 22:53:50 UTC
From: Enrique E.Poinsot
Topic: 18211  Message: 18211

```
From n1ist@... Sat Dec 9 13:09:51 1995
Received: from amber.ccs.neu.edu (root@... [129.10.111.100]) by kalypso.cybercom.net
(8.6.12/8.6.12) with ESMTP id NAA17980 for <scott@...>; Sat, 9 Dec 1995 13:09:51 -0500
Resent-From: n1ist@...
Received: from nuhub.dac.neu.edu (nuhub.dac.neu.edu [129.10.1.6])
by amber.ccs.neu.edu (8.7.1/8.7.1) with ESMTP id NAA28432
for <scotte@...>; Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Resent-Date: Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Received: from neu.edu by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5V0PCI9C8462@neu.edu>; Sat, 9 Dec 1995 13:13:57 EST
Received: from netcom5.netcom.com by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5KK0E89C2YHK@...>; Sat, 9 Dec 1995 13:13:45 EST
Received: by netcom5.netcom.com (8.6.12/Netcom) id KAA03382; Sat,
9 Dec 1995 10:07:29 -0800
Date: Sat, 09 Dec 1995 10:07:29 -0800
From: n1ist@... (Michael L. Ardai)
Subject: Icom 706 mod
Resent-to: scotte@...
To: wy1z@...
Resent-message-id: <01HYLS5V1RXG9C8462@neu.edu>
Message-id: <199512091807.KAA03382@...>
X-Envelope-to: scotte@...
X-VMS-To: IN%"wy1z@..."
Content-transfer-encoding: 7BIT
Status: RO
X-Status:

Xref: netcom.com rec.radio.amateur.equipment:23290
Path: netcom.com!ix.netcom.com!howland.reston.ans.net!newsfeed.internetmci.com!news.compus
erve.com!newsmaster
From: <72336.3354@...>
Newsgroups: rec.radio.amateur.equipment
Subject: Icom 706 modification list
Date: 9 Dec 1995 07:16:37 GMT
Organization: CompuServe Incorporated
Lines: 141
Message-ID: <4abd4l$d95@...>
NNTP-Posting-Host: dd63-002.compuserve.com
Content-Type: text/plain
Keywords: ICOM 706 MOD MODIFICATION MODS
Content-length: 6007
X-Newsreader: AIR Mosaic (16-bit) version 1.00.198.07

ICOM-706 MODIFICATIONS
As of Dec. 9, 1995
```

SUMMARY
-------

MODIFICATION 1: Enables extended transmit from 1.6 to 54 MHz inclusive.
MODIFICATION 2: Enables extended receive from .05 to about 165 MHz inclusive.

CAUTION
-------

Improperly performed modifications can severely damage your radio.
Use extreme caution. Proceed at your own risk.

Transmitting on frequencies other than those assigned to the amateur
radio service may be illegal.

TOOLS RECOMMENDED
-----------------

1) Small philips-head screwdriver
2) Magnifying glass
3) Small wattage (15 watt) soldering iron with a small tip
4) Long-nosed pliers
5) Paper clip
6) Tweezers

MODIFICATION 1
--------------

Result of modification: The IC-706 transmits only on the ham bands.
This modification allows for transmit on any frequency from 1.6 to
54 MHz. The radio will also continue to transmit on 2 meters (144
to 148 MHz in the United States) at 10 watts output. This modification
will NOT allow for transmit on the AM or FM broadcast bands. The radio
will appear to transmit on most frequencies above 54 MHz, but the power
output will be a milliwatt or less. The highest power output will be
100 watts from 1.6 to 54 MHz (SSB, FM, CW; 40 watts AM) and 10 watts
on 2 meters. (SSB, FM, CW; 4 watts AM) Note: This modification
requires that you reset the CPU. All memory information will be
erased.

1) Disconnect the power cable. Open the TOP cover of the radio.
You will need to remove only 5 screws: three on the top of the
radio and one screw on each side. Pull up the speaker carefully and
set it aside. Look at the radio from the front; the speaker area
should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly
marked on the top of it. Now look to the right. Note the "D 108"
marking. Below this marking, there are three tiny black diodes.
There are two diodes, followed by two blank sockets, followed
by another diode.

3) The second diode from the left (the middle diode) is diode D-59.
This diode needs to be removed. There are many ways to remove this

diode. The easiest way is to crush it with long-nosed pliers. Another way is to use a low-wattage soldering iron and tweezers and carefully heat the diode, then pull with the tweezers. Be extremely careful not to apply too much heat.

4) Re-assemble the radio. Press and hold the UP and DOWN buttons on the right side of the front panel, and while holding them down, turn on the power. This resets the CPU.

MODIFICATION 2
---

Result of modification: The bandpass filters on the IC-706 are improperly wired. As a result, the radio does not receive any stations above 129 MHz, except in the 2-meter band. This modification allows for reception up to about 165 MHz.

(Note: If your radio receives the FM broadcast band (88-108 MHz), the aircraft band (108-136 MHz), 2 meters, and stations above 148 MHz, it is possible that the modification has already been performed by Icom; you may have a later model.)

1) Open the TOP cover of the radio. You will need to remove only 5 screws: three on the back of the radio and one screw on each side. Pull up the speaker carefully and set it aside. Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly marked on the top of it. Now move your eyes toward the back of the radio until you notice a long white connector with several colored wires on it.

3) The 4th wire from the left, a yellow wire, needs to be removed from the connector. You can cut this wire carefully if you wish. Or, another alternaive is to remove it from the connector. Stick a paper clip or perhaps a pin into the side of the connector under the yellow wire. Pull the wire with tweezers and remove it. There are two yellow wires; be sure to remove the 4th wire from the left, not the other one.

4) Open the BOTTOM of the radio, removing similar screws as you did when you removed the TOP.

5) Look at the PC board just behind the MENU button. You will notice a jack marked "J8" with a grey cable coming out of it.

6) To the left of jack J8, you will see five tiny transistors. Look at the middle transistor. Follow the light green circuit board trace from the middle transistor to a tiny hole just to the left of J9.

7) The yellow wire from the top of the radio needs to be connected to this transistor. The easiest way is to solder a small insulated wire to the yellow wire you just removed, run this new wire underneath the radio to the hole you found in #6 above, put the wire into the hole, and solder the wire into the hole with a low-wattage soldering iron.

Use caution not to damage the grey cable or to apply too much heat.
This could damage the PCB and seriously affect the radio.

If you perform only steps 1 through 3, you will be able to hear stations
above 148 MHz, but you will not be able to hear FM broadcast stations
on the 88-108 MHz band.

RECEPTION SUGGESTIONS
---

1) You need to use wide FM to receive FM broadcast signals on the
88-108 MHz band, or TV sound signals between 59 and 87 MHz. To
receive wide FM, press the MODE button until "FM" or "FM-T" appears
on the display, then press and hold the MODE button for two seconds.
"WFM" should now appear on the display, and you should be able to
hear the FM broadcast stations. Reception quality is quite good
if you use a decent external speaker.

2) Aircraft (118-136 MHz) uses AM. You will need to set the radio
to AM to receive aircraft.

3) The sensitivity of the radio diminishes rapidly after about 165 MHz.
NOAA weather stations (162.40 to 162.55) are clearly audible, however.

4) If you find the FM broadcast signals overload the aircraft portion
of the bands, disable the preampifier by pressing PREAMP (the green
light should go out.)

---
---0---
---

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

OVERALL IMPRESSION

"Too good to be true". This was my understandable reaction to Icom's
announcement of the IC-706 amateur radio transceiver last summer. It looked like
my dream mobile rig: very small size,detachable face plate, all HF bands, FSK,
6 meters with 100 watts... AND 2 meters, all in one rig? It sounds too good to
be true, but after using this radio in my car for about a month, I can tell you
that this radio is real. Although the rig is not without its faults, Icom has
produced an innovative masterpiece. The rig does just about everything as
advertised. It is an easy-to-use radio that replaces several other radios that
I was operating in my car.

Over the Christmas holidays, I took a couple of long car trips here in Texas.
The 706 was installed under a car seat, leaving plenty of room for luggage and
packages. (Do NOT block the top of the rig. Leave room for air circulation. The
rig gets VERY hot when transmitting!) The face plate was installed just below

the dash within easy sight when driving. I used headphones, so my wife and daughter could listen to CDs while I was working DX. The headphone plugged into the face plate. I used a 7-foot whip mounted on the trunk of the car tuned for the SSB portion of 6 meters, my favorite band. The radio was a pleasure to use, even while driving.

During a nice opening on 6 meters on the evening of December 27, I worked several new grid squares in the midwest and Arizona. I also worked North Dakota for the first time. I was able to work a station in Mexico City quite easily, despite the pileup. That 100 watts sure helps. (I previously used a 10-watt rig.) The sensitivity of the receiver, although not quite what the "pros" would want, was quite adequate. Noise from the car engine was only a minor problem; the noise blanker was effective for SSB.

During the trip I also listened to a football game on TV channel 2, listened to truckers' traffic reports on CB channel 19 (27.185 MHz), worked a couple of 10m stations during the sporadic E opening on December 27, worked a couple of 20m stations, listened to WWV on 2.5, 5, and 10 MHz, eavesdropped on some interesting baby monitors and cordless phones on 49 MHz, listened to NOAA weather forecasts on 162.55 MHz, monitored some aircraft traffic, and did some ragchewing on 2-meter repeaters. Not bad for ONE radio!

PRICE

I paid $1249 for mine at Tucker Electronics in Dallas. They told me that they have sold about 200 of them in six weeks, making the IC- 706 their best selling rig of all time. They are getting them from Icom in lots of 20 and are having trouble keeping them in stock.

Prices for accessories are pretty high. There is little profit margin in the box, so they make up for it with high accessory prices. The cable to allow for front-panel detachment is $48.

UNIQUE FEATURES AND INNOVATIONS

See http://www.icomamerica.com/icom/amateur/hf#ic-706

for a list of features.

* The smallest HF rig on the market (similar in size to the Kenwood TS-50)

* Detachable face plate with a jack for a speaker or headphone. The mic plugs into the face plate using a plug similar to a modular telephone plug. (A spare plug is included.) The cable to allow for this detachment costs extra.

* Full HF/VHF transmit coverage from 1.6 to 54 MHz and 144-148 MHz (the rig transmits only on the ham bands out of the box, but an easy modification unlocks the transmitter, see below)

* General coverage receive from 50 KHz to 163 MHz (requires modification, see below) Rig receives up to 200 MHz but with poor sensitivity above 162 MHz even with the modification. You will be able to receive: longwave, AM broadcast band, shortwave broadcast, all amateur bands in all modes from 160m to 2m, FM

broadcast band (wide FM), aircraft (118-136 MHz AM), VHF from 30 MHz to about 162 MHz, US TV channels 2 through 6, NOAA weather at 162 MHZ.

* 6 meters and 2 meters, all-mode

* 100 watts on HF and 6 meters (10 watts on 2 meters)

* Innovative, easy-to-operate menu system. It becomes quite easy and natural to use after reading the well-written manual for about an hour. (In contrast to my Yaesu FT-470 HT, which I still cannot figure out.)

* The manual is very well written, with lots of easy-to-understand diagrams.

* Simple, but useful and configurable band scope. (Previously available only on very expensive rigs like the Icom 781.) This allows you to examine nearby frequencies for activity.

* Split frequency operation appears complicated at first, but the rig's "quick split" mode makes it fast and easy.

* Built-in electronic keyer at no extra charge. The Up/Down buttons on the mic can be used as a paddle. This has rejuvenated by interest in CW. I worked a couple of slow CW stations on the novice portion of 80m, which made me remember how fun CW is.

* FSK (Nice feature for this price range)

* DTMF and programmable offset for repeaters and split frequency work

* Good audio reports from contacted stations. A station on 3.85 MHz reported "a very good signal for a mobile". A 2m FM station reported "very good audio ... so that's the 706 I've been hearing about."

* Works very well with the AH-3 antenna tuner. This is the Icom HF (1.8-30 MHz) random wire tuner that worked with the 725. The tuner is mounted under the trunk lid of my car with cable ties. It can also be mounted outdoors. It will tune any 8-foot whip or wire for any HF band. (You need 40 feet for it to tune to 160m.) You can press a button to enable the tuner, or the tuner can fire off automatically if your SWR is too high. With my 7-foot 6-meter whip, I can tune to any HF band above 3.5 MHz. That means I need only one simple antenna for HF and 6m.

* 100 memories that store frequency, split offset, mode, and FM tone.

* Two antenna connectors: one for HF/6m and one for 2m. The connectors are switched at 60 MHz.

* Jacks for remote speaker and/or headphones on both the face plate and the back of the rig.

* Multifunction meter: S meter, SWR, relative power output, ALC.

DRAWBACKS/FLAWS

* Extended VHF receive requires modification (see below).

* Poor sensitivity above 162 MHz.

* Noise blanker does not work on AM. Very irritating pulse noise on AM while the car's engine is on. The blanker works well on other modes (except FM, where it is not needed). Not good for listening to AM while driving. A rather serious flaw in my opinion, since my $40 CB has a noise blanker that works well.

* Poor QSK (full break-in) capability. Not recommended for high-speed CW operators who want QSK. Use semi-break-in instead.

* No CW narrow filter. You can install one as an extra-cost option or use an external CW filter or DSP unit.

* The built-in speaker provides surprisingly good audio for its size, but you will probably want to use an external speaker. The speaker can be connected to the face plate or to the rig itself.

* Automatic repeater offset is not programmed into the rig. You need to program -600 or +600 yourself through the menu system. This is not a problem if you store your favorite repeaters into one of the 100 memories.

* The S-meter is inaccurate below S9. Above S9, it is quite accurate.

* High prices for accessories (typical of just about all other vendors)

* The AH-3 antenna tuner is shipped with an unshielded cable, which picks up a lot of auto engine noise. You need to make your own shielded 4-wire cable. The AH-3 also blocks signals above 54 MHz. It also only works for HF, not for 6m or 2m.

* Expect performance and receiver sensitivity similar to other rigs in this price range. This is a low-end rig in terms of price. For price vs. performance, this is probably the best amateur radio of all time. However, it will not outperform your $4000 rig. You probably won't win contests with it. You will have a lot of fun and own a nearly ideal rig for mobile work.

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver
2) Tweezers
3) Magnifying glass
4) Low-wattage (15 watt) soldering iron
5) Long-nosed pliers

MODIFICATION 1:

Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band transmit. Your memories will be cleared after this modification, since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny diodes, two blank spaces, and one additional diode. They look something like this:

D108

[XX] [XX] [ ] [ ] [XX]

Remove this diode ^^^^

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a low-wattage soldering iron and pull it up with tweezers. Be sure not to damage the other diodes or the PCB. Be sure that you don't apply too much heat, since the heat can damage the PCB and the other diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2:

Enables more sensitive receive above the 2 meter band. (148 to about 162 MHz; after that, sensitivity drops off.) Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper clip in the side of the connector under the wire, push it in, and pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.

```
+------------------------+
| | *
[XX] [XX] [XX] [XX] [XX] +-O *** J8
*
Solder wire into this hole ^
```

8) Solder a small wire into this hole. Be careful not to pply too much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

---

---0---

---

Tema: Mod de Icom IC-706 MARS/CAP (aqu? est?!) De:modificaci?n de kg7fu@aol.com (KG7FU) MARS/CAP para ICOM IC-706:Herramientas requeridas:1) destornillador principal de #0 Philips

2) pinzas de la lupa delcaut?n de la extremidad del l?piz de 10 - 15 vatios

3)Quite la cubierta SUPERIOR quitando tres tornillos principales de losphilips en la tapa y uno en cada cara. Mueva el corchete del altavozapartado. Localice D-59, ?ste es tres un diodo de la terminal SMD enun conjunto de SOT, cerca de 1 x 3 mil?metros (con el panel

delanterode radio orientado hacia usted, D-59 est? situado en una fila de los diodos de SMD apenas a la derecha de la cabecera del cbale de la cinta sobre 9 el filtro FL-30 del megaciclo SSB. Hay pistas para 5 diodos con solamente tres instalados. D-59 est? al segundo de la izquierda). Las pinzas de Useing y un caut?n del bajo-vatiaje (y lalupa, en caso de necesidad) quitan D-59 appplying un cierto calor a la sola cara de la pierna del dispositivo mientras que levantan suavemente, despu?s aplican calor a las otras dos piernas y a quitarel dispositivo. Tenga cuidado de no aplicar demasiado calor, de norasgar o de no quemarse ningunos rastros o de no dejar exceso desoldadura en el PWB.Substituya el corchete del altavoz y la cubierta superior. Aplique lapotencia y reajuste el microprocesador.TX = 1600 kHz - 54,00 118,000 - 174,000 megaciclos del megaciclo yDe James Kg7fukg7fu@... kg7fu@...

Enrique Esteban POINSOT
LU6VID
Grid Locator FE89ME
40? 49' 16" S 62? 59' 24" W
Guemes 831 - Viedma
R?o Negro
Patagonia Argentina

[Non-text portions of this message have been removed]

# 18212. Re: [ic706] 706HF/VHF MODIFICATION

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 23:22:49 UTC
From: Andy Cox
Topic: 18211  Message: 18212

RE-Modification 1,yep been there done that! STILL no luck,

---

From: Enrique E.Poinsot <poinsot@...>
To: ic706@yahoogroups.com
Sent: Tue, 31 August, 2010 23:53:50
Subject: [ic706] 706HF/VHF MODIFICATION

From n1ist@... Sat Dec  9 13:09:51 1995
Received: from amber.ccs.neu.edu (root@... [129.10.111.100]) by
kalypso.cybercom.net (8.6.12/8.6.12) with ESMTP id NAA17980 for
<scott@ehrlichtronics.com>; Sat, 9 Dec 1995 13:09:51 -0500
Resent-From: n1ist@netcom.com
Received: from nuhub.dac.neu.edu (nuhub.dac.neu.edu [129.10.1.6])
by amber.ccs.neu.edu (8.7.1/8.7.1) with ESMTP id NAA28432
for <scotte@....edu>; Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Resent-Date: Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Received: from neu.edu by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5V0PCI9C8462@...>; Sat, 9 Dec 1995 13:13:57 EST
Received: from netcom5.netcom.com by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5KK0E89C2YHK@neu.edu>; Sat, 9 Dec 1995 13:13:45 EST
Received: by netcom5.netcom.com (8.6.12/Netcom) id KAA03382; Sat,
9 Dec 1995 10:07:29 -0800
Date: Sat, 09 Dec 1995 10:07:29 -0800
From: n1ist@... (Michael L. Ardai)
Subject: Icom 706 mod
Resent-to: scotte@...
To: wy1z@...
Resent-message-id: <01HYLS5V1RXG9C8462@...>
Message-id: <199512091807.KAA03382@...om.com>
X-Envelope-to: scotte@...
X-VMS-To: IN%"wy1z@..."
Content-transfer-encoding: 7BIT
Status: RO
X-Status:

Xref: netcom.com rec.radio.amateur.equipment:23290
Path:
netcom.com!ix.netcom.com!howland.reston.ans.net!newsfeed.internetmci.com!news.compuserve.com!newsmaster

From: <72336.3354@...>
Newsgroups: rec.radio.amateur.equipment
Subject: Icom 706 modification list
Date: 9 Dec 1995 07:16:37 GMT
Organization: CompuServe Incorporated

Lines: 141
Message-ID: <4abd4l$d95@...ve.com>
NNTP-Posting-Host: dd63-002.compuserve.com
Content-Type: text/plain
Keywords: ICOM 706 MOD MODIFICATION MODS
Content-length: 6007
X-Newsreader: AIR Mosaic (16-bit) version 1.00.198.07

ICOM-706 MODIFICATIONS
As of Dec. 9, 1995

SUMMARY
-------

MODIFICATION 1: Enables extended transmit from 1.6 to 54 MHz inclusive.
MODIFICATION 2: Enables extended receive from .05 to about 165 MHz inclusive.

CAUTION
-------

Improperly performed modifications can severely damage your radio.
Use extreme caution.  Proceed at your own risk.

Transmitting on frequencies other than those assigned to the amateur
radio service may be illegal.

TOOLS RECOMMENDED
-----------------

1) Small philips-head screwdriver
2) Magnifying glass
3) Small wattage (15 watt) soldering iron with a small tip
4) Long-nosed pliers
5) Paper clip
6) Tweezers

MODIFICATION 1
--------------

Result of modification:  The IC-706 transmits only on the ham bands.
This modification allows for transmit on any frequency from 1.6 to
54 MHz.  The radio will also continue to transmit on 2 meters (144
to 148 MHz in the United States) at 10 watts output.  This modification
will NOT allow for transmit on the AM or FM broadcast bands.  The radio
will appear to transmit on most frequencies above 54 MHz, but the power
output will be a milliwatt or less.  The highest power output will be
100 watts from 1.6 to 54 MHz (SSB, FM, CW; 40 watts AM) and 10 watts
on 2 meters. (SSB, FM, CW; 4 watts AM)  Note: This modification
requires that you reset the CPU.  All memory information will be
erased.

1) Disconnect the power cable.  Open the TOP cover of the radio.
You will need to remove only 5 screws: three on the top of the

radio and one screw on each side.  Pull up the speaker carefully and set it aside.  Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter.  This is clearly marked on the top of it.  Now look to the right.  Note the "D 108" marking.  Below this marking, there are three tiny black diodes. There are two diodes, followed by two blank sockets, followed by another diode.

3) The second diode from the left (the middle diode) is diode D-59. This diode needs to be removed.  There are many ways to remove this diode.  The easiest way is to crush it with long-nosed pliers.  Another way is to use a low-wattage soldering iron and tweezers and carefully heat the diode, then pull with the tweezers.  Be extremely careful not to apply too much heat.

4) Re-assemble the radio.  Press and hold the UP and DOWN buttons on the right side of the front panel, and while holding them down, turn on the power.  This resets the CPU.

MODIFICATION 2
---

Result of modification:  The bandpass filters on the IC-706 are improperly wired.  As a result, the radio does not receive any stations above 129 MHz, except in the 2-meter band.  This modification allows for reception up to about 165 MHz.

(Note: If your radio receives the FM broadcast band (88-108 MHz), the aircraft band

(108-136 MHz), 2 meters, and stations above 148 MHz, it is possible that the modification

has already been performed by Icom; you may have a later model.)

1) Open the TOP cover of the radio.  You will need to remove only 5 screws: three on the back of the radio and one screw on each side. Pull up the speaker carefully and set it aside.  Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter.  This is clearly marked on the top of it.  Now move your eyes toward the back of the radio until you notice a long white connector with several colored wires on it.

3) The 4th wire from the left, a yellow wire, needs to be removed from the connector.  You can cut this wire carefully if you wish. Or, another alternaive is to remove it from the connector.  Stick a paper clip or
perhaps a pin into the side of the connector under the yellow wire. Pull the wire with tweezers and remove it.  There are two yellow wires;

be sure to remove the 4th wire from the left, not the other one.

4) Open the BOTTOM of the radio, removing similar screws as you did
when you removed the TOP.

5) Look at the PC board just behind the MENU button.  You will notice
a jack marked "J8" with a grey cable coming out of it.

6) To the left of jack J8, you will see five tiny transistors.
Look at the middle transistor.  Follow the light green circuit board
trace from the middle transistor to a tiny hole just to the left of J9.

7) The yellow wire from the top of the radio needs to be connected
to this transistor.  The easiest way is to solder a small insulated
wire to the yellow wire you just removed, run this new wire underneath
the radio to the hole you found in #6 above, put the wire into the hole, and
solder the wire into the hole with a low-wattage soldering iron.
Use caution not to damage the grey cable or to apply too much heat.
This could damage the PCB and seriously affect the radio.

If you perform only steps 1 through 3, you will be able to hear stations
above 148 MHz, but you will not be able to hear FM broadcast stations
on the 88-108 MHz band.

RECEPTION SUGGESTIONS
---

1) You need to use wide FM to receive FM broadcast signals on the
88-108 MHz band, or TV sound signals between 59 and 87 MHz.  To
receive wide FM, press the MODE button until "FM" or "FM-T" appears
on the display, then press and hold the MODE button for two seconds.
"WFM" should now appear on the display, and you should be able to
hear the FM broadcast stations.  Reception quality is quite good
if you use a decent external speaker.

2) Aircraft (118-136 MHz) uses AM.  You will need to set the radio
to AM to receive aircraft.

3) The sensitivity of the radio diminishes rapidly after about 165 MHz.
NOAA weather stations (162.40 to 162.55) are clearly audible, however.

4) If you find the FM broadcast signals overload the aircraft portion
of the bands, disable the preampifier by pressing PREAMP (the green
light should go out.)

---
---0---
---

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

OVERALL IMPRESSION

"Too good to be true". This was my understandable reaction to Icom's announcement of the IC-706 amateur radio transceiver last summer. It looked like my dream mobile rig: very small size,detachable face plate, all HF bands, FSK, 6 meters with 100 watts... AND 2 meters, all in one rig? It sounds too good to be true, but after using this radio in my car for about a month, I can tell you that this radio is real. Although the rig is not without its faults, Icom has produced an innovative masterpiece. The rig does just about everything as advertised. It is an easy-to-use radio that replaces several other radios that I was operating in my car.

Over the Christmas holidays, I took a couple of long car trips here in Texas. The 706 was installed under a car seat, leaving plenty of room for luggage and packages. (Do NOT block the top of the rig. Leave room for air circulation. The rig gets VERY hot when transmitting!) The face plate was installed just below the dash within easy sight when driving. I used headphones, so my wife and daughter could listen to CDs while I was working DX. The headphone plugged into the face plate. I used a 7-foot whip mounted on the trunk of the car tuned for the SSB portion of 6 meters, my favorite band. The radio was a pleasure to use, even while driving.

During a nice opening on 6 meters on the evening of December 27, I worked several new grid squares in the midwest and Arizona. I also worked North Dakota for the first time. I was able to work a station in Mexico City quite easily, despite the pileup. That 100 watts sure helps. (I previously used a 10-watt rig.) The sensitivity of the receiver, although not quite what the "pros" would want, was quite adequate. Noise from the car engine was only a minor problem; the noise blanker was effective for SSB.

During the trip I also listened to a football game on TV channel 2, listened to truckers' traffic reports on CB channel 19 (27.185 MHz), worked a couple of 10m stations during the sporadic E opening on December 27, worked a couple of 20m stations, listened to WWV on 2.5, 5, and 10 MHz, eavesdropped on some interesting baby monitors and cordless phones on 49 MHz, listened to NOAA weather forecasts on 162.55 MHz, monitored some aircraft traffic, and did some ragchewing on 2-meter repeaters. Not bad for ONE radio!

PRICE

I paid $1249 for mine at Tucker Electronics in Dallas. They told me that they have sold about 200 of them in six weeks, making the IC- 706 their best selling rig of all time. They are getting them from Icom in lots of 20 and are having trouble keeping them in stock.

Prices for accessories are pretty high. There is little profit margin in the box, so they make up for it with high accessory prices. The cable to allow for front-panel detachment is $48.

UNIQUE FEATURES AND INNOVATIONS

See http://www.icomamerica.com/icom/amateur/hf#ic-706

for a list of features.

* The smallest HF rig on the market (similar in size to the Kenwood TS-50)

* Detachable face plate with a jack for a speaker or headphone. The mic plugs into the face plate using a plug similar to a modular telephone plug. (A spare plug is included.) The cable to allow for this detachment costs extra.

* Full HF/VHF transmit coverage from 1.6 to 54 MHz and 144-148 MHz (the rig transmits only on the ham bands out of the box, but an easy modification unlocks the transmitter, see below)

* General coverage receive from 50 KHz to 163 MHz (requires modification, see below) Rig receives up to 200 MHz but with poor sensitivity above 162 MHz even with the modification. You will be able to receive: longwave, AM broadcast band, shortwave broadcast, all amateur bands in all modes from 160m to 2m, FM broadcast band (wide FM), aircraft (118-136 MHz AM), VHF from 30 MHz to about 162 MHz, US TV channels 2 through 6, NOAA weather at 162 MHZ.

* 6 meters and 2 meters, all-mode

* 100 watts on HF and 6 meters (10 watts on 2 meters)

* Innovative, easy-to-operate menu system. It becomes quite easy and natural to use after reading the well-written manual for about an hour. (In contrast to my Yaesu FT-470 HT, which I still cannot figure out.)

* The manual is very well written, with lots of easy-to-understand diagrams.

* Simple, but useful and configurable band scope. (Previously available only on very expensive rigs like the Icom 781.) This allows you to examine nearby frequencies for activity.

* Split frequency operation appears complicated at first, but the rig's "quick split" mode makes it fast and easy.

* Built-in electronic keyer at no extra charge. The Up/Down buttons on the mic can be used as a paddle. This has rejuvenated by interest in CW. I worked a couple of slow CW stations on the novice portion of 80m, which made me remember how fun CW is.

* FSK (Nice feature for this price range)

* DTMF and programmable offset for repeaters and split frequency work

* Good audio reports from contacted stations. A station on 3.85 MHz reported "a very good signal for a mobile". A 2m FM station reported "very good audio ... so that's the 706 I've been hearing about."

* Works very well with the AH-3 antenna tuner. This is the Icom HF (1.8-30 MHz) random wire tuner that worked with the 725. The tuner is mounted under the trunk lid of my car with cable ties. It can also be mounted outdoors. It will tune any 8-foot whip or wire for any HF band. (You need 40 feet for it to tune to 160m.) You can press a button to enable the tuner, or the tuner can fire off automatically if your SWR is too high. With my 7-foot 6-meter whip, I can tune to any HF band above 3.5 MHz. That means I need only one simple antenna for HF and 6m.

* 100 memories that store frequency, split offset, mode, and FM tone.

* Two antenna connectors: one for HF/6m and one for 2m. The connectors are switched at 60 MHz.

* Jacks for remote speaker and/or headphones on both the face plate and the back of the rig.

* Multifunction meter: S meter, SWR, relative power output, ALC.

DRAWBACKS/FLAWS

* Extended VHF receive requires modification (see below).

* Poor sensitivity above 162 MHz.

* Noise blanker does not work on AM. Very irritating pulse noise on AM while the car's engine is on. The blanker works well on other modes (except FM, where it is not needed). Not good for listening to AM while driving. A rather serious flaw in my opinion, since my $40 CB has a noise blanker that works well.

* Poor QSK (full break-in) capability. Not recommended for high-speed CW operators who want QSK. Use semi-break-in instead.

* No CW narrow filter. You can install one as an extra-cost option or use an external CW filter or DSP unit.

* The built-in speaker provides surprisingly good audio for its size, but you will probably want to use an external speaker. The speaker can be connected to the face plate or to the rig itself.

* Automatic repeater offset is not programmed into the rig. You need to program -600 or +600 yourself through the menu system. This is not a problem if you store your favorite repeaters into one of the 100 memories.

* The S-meter is inaccurate below S9. Above S9, it is quite accurate.

* High prices for accessories (typical of just about all other vendors)

* The AH-3 antenna tuner is shipped with an unshielded cable, which picks up a lot of auto engine noise. You need to make your own shielded 4-wire cable. The AH-3 also blocks signals above 54 MHz. It also only works for HF, not for 6m or 2m.

* Expect performance and receiver sensitivity similar to other rigs in this price range. This is a low-end rig in terms of price. For price vs. performance, this is probably the best amateur radio of all time. However, it will not outperform your $4000 rig. You probably won't win contests with it. You will have a lot of fun and own a nearly ideal rig for mobile work.

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver
2) Tweezers
3) Magnifying glass
4) Low-wattage (15 watt) soldering iron
5) Long-nosed pliers

MODIFICATION 1:

Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band  transmit. Your memories will be cleared after this modification, since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny  diodes, two blank spaces, and one additional diode. They look something like this:

```
                  D108

               [XX] [XX] [ ] [ ] [XX]

  Remove this diode ^^^^
```

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a  low-wattage soldering

iron and pull it up with tweezers. Be sure  not to damage the other diodes or the PCB. Be sure that you don't  apply too much heat, since the heat can damage the PCB and the other  diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2:

Enables more sensitive receive above the 2 meter  band. (148 to about 162 MHz; after that, sensitivity drops off.)  Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

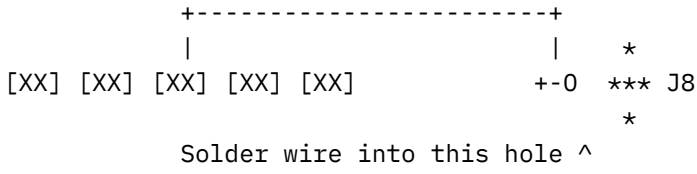
3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper  clip in the side of the connector under the wire, push it in, and  pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.




8) Solder a small wire into this hole. Be careful not to pply too  much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying  glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

---
---0---
---

Tema: Mod de Icom IC-706 MARS/CAP (aquí está!) De:modificación de kg7fu@... (KG7FU) MARS/CAP para ICOM IC-706:Herramientas requeridas:1) destornillador principal de #0 Philips

2) pinzas de la lupa delcautín de la extremidad del lápiz de 10 - 15 vatios

3)Quite la cubierta SUPERIOR quitando tres tornillos principales de losphilips en la tapa y uno en cada cara. Mueva el corchete del altavozapartado. Localice D-59, éste es tres un diodo de la terminal SMD enun conjunto de SOT, cerca de 1 x 3 milímetros (con el panel delanterode radio orientado hacia usted, D-59 está situado en una fila de los diodos de SMD apenas a la derecha de la cabecera del cbale de la cinta sobre 9 el filtro FL-30 del megaciclo SSB. Hay pistas para 5 diodos con solamente tres instalados. D-59 está al segundo de la izquierda). Las pinzas de Useing y un cautín del bajo-vatiaje (y lalupa, en caso de necesidad) quitan D-59 appplying un cierto calor a la sola cara de la pierna del dispositivo mientras que levantan suavemente, después aplican calor a las otras dos piernas y a quitarel dispositivo. Tenga cuidado de no aplicar demasiado calor, de norasgar o de no quemarse ningunos rastros o de no dejar exceso desoldadura en el PWB.Substituya el corchete del altavoz y la cubierta superior. Aplique lapotencia y reajuste el microprocesador.TX = 1600 kHz - 54,00 118,000 - 174,000 megaciclos del megaciclo yDe James Kg7fukg7fu@... kg7fu@...

Enrique Esteban POINSOT
LU6VID
Grid Locator FE89ME
40º 49' 16" S 62º 59' 24" W
Guemes 831 - Viedma
Río Negro
Patagonia Argentina

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18213. Re: [ic706] 706HF/VHF MODIFICATION

Yahoo group: ic706 (2010 — 2015)
Date: 2010-08-31 23:47:38 UTC
From: Joe Isabella
Topic: 18211  Message: 18213

Where are you trying to transmit? Mine works up to 60 MHz just fine. In VHF, it doesn't work. No known mod for that, that I'm aware of. I read a really long, involved mod that supposedly makes it work out of band on VHF, but I have no need for it.

There is also an alternate mod for opening up the receive in VHF. It involves moving a couple SMT coils/caps instead of the "yellow wire mod". It definitely works very well. I haven't compared the two, but before the mod, it was deaf trying to listen to NOAA on 162 MHz, and now it's quite good.

Joe, N3JI

---

From: Andy Cox <m0hlt@...>
To: ic706@yahoogroups.com
Sent: Tue, August 31, 2010 6:22:49 PM
Subject: Re: [ic706] 706HF/VHF MODIFICATION

RE-Modification 1,yep been there done that! STILL no luck,

---

From: Enrique E.Poinsot <poinsot@...>
To: ic706@yahoogroups.com
Sent: Tue, 31 August, 2010 23:53:50
Subject: [ic706] 706HF/VHF MODIFICATION

From n1ist@... Sat Dec 9 13:09:51 1995
Received: from amber.ccs.neu.edu (root@... [129.10.111.100]) by
kalypso.cybercom.net (8.6.12/8.6.12) with ESMTP id NAA17980 for
<scott@...>; Sat, 9 Dec 1995 13:09:51 -0500
Resent-From: n1ist@netcom.com
Received: from nuhub.dac.neu.edu (nuhub.dac.neu.edu [129.10.1.6])
by amber.ccs.neu.edu (8.7.1/8.7.1) with ESMTP id NAA28432
for <scotte@...u.edu>; Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Resent-Date: Sat, 9 Dec 1995 13:09:49 -0500 (EST)
Received: from neu.edu by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5V0PCI9C8462@...>; Sat, 9 Dec 1995 13:13:57 EST
Received: from netcom5.netcom.com by neu.edu (PMDF V4.3-7 #11963)
id <01HYLS5KK0E89C2YHK@...>; Sat, 9 Dec 1995 13:13:45 EST
Received: by netcom5.netcom.com (8.6.12/Netcom) id KAA03382; Sat,
9 Dec 1995 10:07:29 -0800
Date: Sat, 09 Dec 1995 10:07:29 -0800
From: n1ist@... (Michael L. Ardai)
Subject: Icom 706 mod
Resent-to: scotte@...
To: wy1z@...

Resent-message-id: <01HYLS5V1RXG9C8462@...>
Message-id: <199512091807.KAA03382@...com.com>
X-Envelope-to: scotte@...
X-VMS-To: IN%"wy1z@..."
Content-transfer-encoding: 7BIT
Status: RO
X-Status:

Xref: netcom.com rec.radio.amateur.equipment:23290
Path:
netcom.com!ix.netcom.com!howland.reston.ans.net!newsfeed.internetmci.com!news.compuserve.com!newsmaster

From: <72336.3354@...>
Newsgroups: rec.radio.amateur.equipment
Subject: Icom 706 modification list
Date: 9 Dec 1995 07:16:37 GMT
Organization: CompuServe Incorporated
Lines: 141
Message-ID: <4abd4l$d95@...rve.com>
NNTP-Posting-Host: dd63-002.compuserve.com
Content-Type: text/plain
Keywords: ICOM 706 MOD MODIFICATION MODS
Content-length: 6007
X-Newsreader: AIR Mosaic (16-bit) version 1.00.198.07

ICOM-706 MODIFICATIONS
As of Dec. 9, 1995

SUMMARY
-------

MODIFICATION 1: Enables extended transmit from 1.6 to 54 MHz inclusive.
MODIFICATION 2: Enables extended receive from .05 to about 165 MHz inclusive.

CAUTION
-------

Improperly performed modifications can severely damage your radio.
Use extreme caution. Proceed at your own risk.

Transmitting on frequencies other than those assigned to the amateur
radio service may be illegal.

TOOLS RECOMMENDED
-----------------

1) Small philips-head screwdriver
2) Magnifying glass
3) Small wattage (15 watt) soldering iron with a small tip
4) Long-nosed pliers
5) Paper clip
6) Tweezers

MODIFICATION 1
---

Result of modification: The IC-706 transmits only on the ham bands. This modification allows for transmit on any frequency from 1.6 to 54 MHz. The radio will also continue to transmit on 2 meters (144 to 148 MHz in the United States) at 10 watts output. This modification will NOT allow for transmit on the AM or FM broadcast bands. The radio will appear to transmit on most frequencies above 54 MHz, but the power output will be a milliwatt or less. The highest power output will be 100 watts from 1.6 to 54 MHz (SSB, FM, CW; 40 watts AM) and 10 watts on 2 meters. (SSB, FM, CW; 4 watts AM) Note: This modification requires that you reset the CPU. All memory information will be erased.

1) Disconnect the power cable. Open the TOP cover of the radio. You will need to remove only 5 screws: three on the top of the radio and one screw on each side. Pull up the speaker carefully and set it aside. Look at the radio from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly marked on the top of it. Now look to the right. Note the "D 108" marking. Below this marking, there are three tiny black diodes. There are two diodes, followed by two blank sockets, followed by another diode.

3) The second diode from the left (the middle diode) is diode D-59. This diode needs to be removed. There are many ways to remove this diode. The easiest way is to crush it with long-nosed pliers. Another way is to use a low-wattage soldering iron and tweezers and carefully heat the diode, then pull with the tweezers. Be extremely careful not to apply too much heat.

4) Re-assemble the radio. Press and hold the UP and DOWN buttons on the right side of the front panel, and while holding them down, turn on the power. This resets the CPU.

MODIFICATION 2
---

Result of modification: The bandpass filters on the IC-706 are improperly wired. As a result, the radio does not receive any stations above 129 MHz, except in the 2-meter band. This modification allows for reception up to about 165 MHz.

(Note: If your radio receives the FM broadcast band (88-108 MHz), the aircraft band

(108-136 MHz), 2 meters, and stations above 148 MHz, it is possible that the modification

has already been performed by Icom; you may have a later model.)

1) Open the TOP cover of the radio. You will need to remove only
5 screws: three on the back of the radio and one screw on each side.
Pull up the speaker carefully and set it aside. Look at the radio
from the front; the speaker area should be in front.

2) Locate the rectangular, silver 9 MHz SSB filter. This is clearly
marked on the top of it. Now move your eyes toward the back of the
radio until you notice a long white connector with several colored
wires on it.

3) The 4th wire from the left, a yellow wire, needs to be removed
from the connector. You can cut this wire carefully if you wish.
Or, another alternaive is to remove it from the connector. Stick a paper clip
or
perhaps a pin into the side of the connector under the yellow wire.
Pull the wire with tweezers and remove it. There are two yellow wires;
be sure to remove the 4th wire from the left, not the other one.

4) Open the BOTTOM of the radio, removing similar screws as you did
when you removed the TOP.

5) Look at the PC board just behind the MENU button. You will notice
a jack marked "J8" with a grey cable coming out of it.

6) To the left of jack J8, you will see five tiny transistors.
Look at the middle transistor. Follow the light green circuit board
trace from the middle transistor to a tiny hole just to the left of J9.

7) The yellow wire from the top of the radio needs to be connected
to this transistor. The easiest way is to solder a small insulated
wire to the yellow wire you just removed, run this new wire underneath
the radio to the hole you found in #6 above, put the wire into the hole, and
solder the wire into the hole with a low-wattage soldering iron.
Use caution not to damage the grey cable or to apply too much heat.
This could damage the PCB and seriously affect the radio.

If you perform only steps 1 through 3, you will be able to hear stations
above 148 MHz, but you will not be able to hear FM broadcast stations
on the 88-108 MHz band.

RECEPTION SUGGESTIONS
---

1) You need to use wide FM to receive FM broadcast signals on the
88-108 MHz band, or TV sound signals between 59 and 87 MHz. To
receive wide FM, press the MODE button until "FM" or "FM-T" appears
on the display, then press and hold the MODE button for two seconds.
"WFM" should now appear on the display, and you should be able to
hear the FM broadcast stations. Reception quality is quite good
if you use a decent external speaker.

2) Aircraft (118-136 MHz) uses AM. You will need to set the radio
to AM to receive aircraft.

3) The sensitivity of the radio diminishes rapidly after about 165 MHz.
NOAA weather stations (162.40 to 162.55) are clearly audible, however.

4) If you find the FM broadcast signals overload the aircraft portion
of the bands, disable the preampifier by pressing PREAMP (the green
light should go out.)

------------------------------------------------------------0----------
---------------------------

ICOM IC-706 HF/VHF AMATEUR RADIO TRANSCEIVER
Product Review, Hints and Tips, and Modifications
As Of: December 28, 1995
by Randall Rhea, KG0HW

OVERALL IMPRESSION

"Too good to be true". This was my understandable reaction to Icom's
announcement of the IC-706 amateur radio transceiver last summer. It looked like
my dream mobile rig: very small size,detachable face plate, all HF bands, FSK,
6 meters with 100 watts... AND 2 meters, all in one rig? It sounds too good to
be true, but after using this radio in my car for about a month, I can tell you
that this radio is real. Although the rig is not without its faults, Icom has
produced an innovative masterpiece. The rig does just about everything as
advertised. It is an easy-to-use radio that replaces several other radios that
I was operating in my car.

Over the Christmas holidays, I took a couple of long car trips here in Texas.
The 706 was installed under a car seat, leaving plenty of room for luggage and
packages. (Do NOT block the top of the rig. Leave room for air circulation. The
rig gets VERY hot when transmitting!) The face plate was installed just below
the dash within easy sight when driving. I used headphones, so my wife and
daughter could listen to CDs while I was working DX. The headphone plugged into
the face plate. I used a 7-foot whip mounted on the trunk of the car tuned for
the SSB portion of 6 meters, my favorite band. The radio was a pleasure to use,
even while driving.

During a nice opening on 6 meters on the evening of December 27, I worked
several new grid squares in the midwest and Arizona. I also worked North Dakota
for the first time. I was able to work a station in Mexico City quite easily,
despite the pileup. That 100 watts sure helps. (I previously used a 10-watt
rig.) The sensitivity of the receiver, although not quite what the "pros"
would want, was quite adequate. Noise from the car engine was only a minor
problem; the noise blanker was effective for SSB.

During the trip I also listened to a football game on TV channel 2, listened
to truckers' traffic reports on CB channel 19 (27.185 MHz), worked a couple of
10m stations during the sporadic E opening on December 27, worked a couple of
20m stations, listened to WWV on 2.5, 5, and 10 MHz, eavesdropped on some
interesting baby monitors and cordless phones on 49 MHz, listened to NOAA
weather forecasts on 162.55 MHz, monitored some aircraft traffic, and did some
ragchewing on 2-meter repeaters. Not bad for ONE radio!

PRICE

I paid $1249 for mine at Tucker Electronics in Dallas. They told me that they have sold about 200 of them in six weeks, making the IC- 706 their best selling rig of all time. They are getting them from Icom in lots of 20 and are having trouble keeping them in stock.

Prices for accessories are pretty high. There is little profit margin in the box, so they make up for it with high accessory prices. The cable to allow for front-panel detachment is $48.

UNIQUE FEATURES AND INNOVATIONS

See http://www.icomamerica.com/icom/amateur/hf#ic-706

for a list of features.

* The smallest HF rig on the market (similar in size to the Kenwood TS-50)

* Detachable face plate with a jack for a speaker or headphone. The mic plugs into the face plate using a plug similar to a modular telephone plug. (A spare plug is included.) The cable to allow for this detachment costs extra.

* Full HF/VHF transmit coverage from 1.6 to 54 MHz and 144-148 MHz (the rig transmits only on the ham bands out of the box, but an easy modification unlocks the transmitter, see below)

* General coverage receive from 50 KHz to 163 MHz (requires modification, see below) Rig receives up to 200 MHz but with poor sensitivity above 162 MHz even with the modification. You will be able to receive: longwave, AM broadcast band, shortwave broadcast, all amateur bands in all modes from 160m to 2m, FM broadcast band (wide FM), aircraft (118-136 MHz AM), VHF from 30 MHz to about 162 MHz, US TV channels 2 through 6, NOAA weather at 162 MHZ.

* 6 meters and 2 meters, all-mode

* 100 watts on HF and 6 meters (10 watts on 2 meters)

* Innovative, easy-to-operate menu system. It becomes quite easy and natural to use after reading the well-written manual for about an hour. (In contrast to my Yaesu FT-470 HT, which I still cannot figure out.)

* The manual is very well written, with lots of easy-to-understand diagrams.

* Simple, but useful and configurable band scope. (Previously available only on very expensive rigs like the Icom 781.) This allows you to examine nearby frequencies for activity.

* Split frequency operation appears complicated at first, but the rig's "quick split" mode makes it fast and easy.

* Built-in electronic keyer at no extra charge. The Up/Down buttons on the mic can be used as a paddle. This has rejuvenated by interest in CW. I worked a couple of slow CW stations on the novice portion of 80m, which made me remember how fun CW is.

* FSK (Nice feature for this price range)

* DTMF and programmable offset for repeaters and split frequency work

* Good audio reports from contacted stations. A station on 3.85 MHz reported "a very good signal for a mobile". A 2m FM station reported "very good audio ... so that's the 706 I've been hearing about."

* Works very well with the AH-3 antenna tuner. This is the Icom HF (1.8-30 MHz) random wire tuner that worked with the 725. The tuner is mounted under the trunk lid of my car with cable ties. It can also be mounted outdoors. It will tune any 8-foot whip or wire for any HF band. (You need 40 feet for it to tune to 160m.) You can press a button to enable the tuner, or the tuner can fire off automatically if your SWR is too high. With my 7-foot 6-meter whip, I can tune to any HF band above 3.5 MHz. That means I need only one simple antenna for HF and 6m.

* 100 memories that store frequency, split offset, mode, and FM tone.

* Two antenna connectors: one for HF/6m and one for 2m. The connectors are switched at 60 MHz.

* Jacks for remote speaker and/or headphones on both the face plate and the back of the rig.

* Multifunction meter: S meter, SWR, relative power output, ALC.

DRAWBACKS/FLAWS

* Extended VHF receive requires modification (see below).

* Poor sensitivity above 162 MHz.

* Noise blanker does not work on AM. Very irritating pulse noise on AM while the car's engine is on. The blanker works well on other modes (except FM, where it is not needed). Not good for listening to AM while driving. A rather serious flaw in my opinion, since my $40 CB has a noise blanker that works well.

* Poor QSK (full break-in) capability. Not recommended for high-speed CW operators who want QSK. Use semi-break-in instead.

* No CW narrow filter. You can install one as an extra-cost option or use an external CW filter or DSP unit.

* The built-in speaker provides surprisingly good audio for its size, but you will probably want to use an external speaker. The speaker can be connected to the face plate or to the rig itself.

* Automatic repeater offset is not programmed into the rig. You need to program -600 or +600 yourself through the menu system. This is not a problem if you store your favorite repeaters into one of the 100 memories.

* The S-meter is inaccurate below S9. Above S9, it is quite accurate.

* High prices for accessories (typical of just about all other vendors)

* The AH-3 antenna tuner is shipped with an unshielded cable, which picks up a lot of auto engine noise. You need to make your own shielded 4-wire cable. The AH-3 also blocks signals above 54 MHz. It also only works for HF, not for 6m or 2m.

* Expect performance and receiver sensitivity similar to other rigs in this price range. This is a low-end rig in terms of price. For price vs. performance, this is probably the best amateur radio of all time. However, it will not outperform your $4000 rig. You probably won't win contests with it. You will have a lot of fun and own a nearly ideal rig for mobile work.

HINTS AND TIPS

1) Take time to read the manual. The menu system will be bewildering unless you read the manual. One you get used to it, you will find the rig to be amazingly easy and fun to use.

2) You need to set the mode to wide FM to receive FM or TV broadcasts. Tune to the station, press the MODE key until the front display shows FM, then press and hold the MODE key for 2 seconds. WFM will appear in the display, and you will hear the station with nice audio.

3) Don't use the noise blanker on AM. It will not be effective and may distort your audio.

4) Don't use the QSK feature.

5) The rig gets very hot while transmitting. Keep the top of the radio clear to allow air circulation.

MODIFICATIONS

WARNING: Improperly performed modifications can severely damage your radio. I have performed these modifications successfully, but I offer no guarantee or warranty for them. Proceed at your own risk.

TOOLS NEEDED:

1) Small philips-head screwdriver
2) Tweezers
3) Magnifying glass
4) Low-wattage (15 watt) soldering iron
5) Long-nosed pliers

MODIFICATION 1:

Enables out-of-band transmit for 1.6 MHz to 54 MHz. This does not enable extended VHF transmit; a modification for this may be available soon. This does not enable AM or FM broadcast band transmit. Your memories will be cleared after this modification, since you need to reset the CPU.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Gently pull up the speaker and set is aside without damaging the speaker or the wires that attach it to the rig.

3) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

4) Move your eyes up from this filter toward the back of the radio. Just before you get to the "D 108" marking, you will see two tiny diodes, two blank spaces, and one additional diode. They look something like this:

D108

[XX] [XX] [ ] [ ] [XX]

Remove this diode ^^^^

5) The second diode from the left needs to be removed. I did this by crushing it with long-nosed pliers. You can also heat it with a low-wattage soldering iron and pull it up with tweezers. Be sure not to damage the other diodes or the PCB. Be sure that you don't apply too much heat, since the heat can damage the PCB and the other diodes.

6) Re-assemble the radio. Reset the CPU by pressing and holding down the UP and DOWN buttons on the front panel and pressing POWER.

MODIFICATION 2:

Enables more sensitive receive above the 2 meter band. (148 to about 162 MHz; after that, sensitivity drops off.) Keeps sensitivity for the FM broadcast band.

1) Open the top of the radio by removing the 3 top screws and 2 side screws. Look at the radio from the with the front panel facing you.

2) Note the silver rectangular box near the middle of the PCB marked something like "9 MHz SSB Filter".

3) Move your eyes up from this filter toward the back of the radio. Follow the ribbon cable up. Notice a wide white connector with several colored wires in it on the back of the PCB.

4) The fourth wire from the left is a yellow wire. Cut this wire. Rather than cutting it, you can remove the connector, stick a paper clip in the side of the connector under the wire, push it in, and pull the wire out. Be careful not to remove the other yellow wire.

5) Re-insert the connector back to its original place on the PCB.

6) Open the bottom of the radio. You will again need to remove 5 screws.

7) Look at the radio with the front panel facing you. Note 5 tiny transistors behind the MENU button. Follow the trace from the middle transistor to a hole just to the left of jack J8.

```
+-----------------------+
| | *
[XX] [XX] [XX] [XX] [XX] +-O *** J8
*
Solder wire into this hole ^
```

8) Solder a small wire into this hole. Be careful not to pply too much heat; use a low-wattage soldering iron. Be careful not to damage the PCB or the grey cable coming out of J8. Use a magnifying glass.

9) Run the other end of the wire you just soldered to the front of the radio and attach it to the yellow wire you just cut.

10) Re-assemble the radio.

----------0----------

Tema: Mod de Icom IC-706 MARS/CAP (aquí está!) De:modificación de kg7fu@... (KG7FU) MARS/CAP para ICOM IC-706:Herramientas requeridas:1) destornillador principal de #0 Philips

2) pinzas de la lupa delcautín de la extremidad del lápiz de 10 - 15 vatios

3)Quite la cubierta SUPERIOR quitando tres tornillos principales de losphilips en la tapa y uno en cada cara. Mueva el corchete del altavozapartado. Localice D-59, éste es tres un diodo de la terminal SMD enun conjunto de SOT, cerca de 1 x 3 milímetros (con el panel delanterode radio orientado hacia usted, D-59 está situado en una fila de los diodos de SMD apenas a la derecha de la cabecera del cbale de la cinta sobre 9 el filtro FL-30 del megaciclo SSB. Hay pistas para 5 diodos con solamente tres instalados. D-59 está al segundo de la izquierda). Las

pinzas de Useing y un cautín del bajo-vatiaje (y lalupa, en caso de necesidad) quitan D-59 appplying un cierto calor a la sola cara de la pierna del dispositivo mientras que levantan suavemente, después aplican calor a las otras dos piernas y a quitarel dispositivo. Tenga cuidado de no aplicar demasiado calor, de norasgar o de no quemarse ningunos rastros o de no dejar exceso desoldadura en el PWB.Substituya el corchete del altavoz y la cubierta superior.

Aplique lapotencia y reajuste el microprocesador.TX = 1600 kHz - 54,00 118,000 -

174,000 megaciclos del megaciclo yDe James Kg7fukg7fu@... kg7fu@...

Enrique Esteban POINSOT
LU6VID
Grid Locator FE89ME
40º 49' 16" S 62º 59' 24" W
Guemes 831 - Viedma
Río Negro
Patagonia Argentina

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18214. Re: 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-01 11:23:28 UTC
From: sj_reed
Topic: 18202  Message: 18214

After removing the diode did you perform a CPU reset?

Steve
G6XJU

--- In ic706@yahoogroups.com, Andy Cox <m0hlt@...> wrote:
>
> Yep I have had a look inside and have removed D59,BUT no luck,You say "DIODES"
> Meaning more then One? Are you saying that I have to remove more then one?
>
>
>
>
> _____
> From: Deacon Dave <w1mce@...>
> To: ic706@yahoogroups.com
> Sent: Tue, 31 August, 2010 12:28:20
> Subject: Re: [ic706] 706HF/VHF model
>
> Â
> :-)
>
> Well I can't advise on the EU model 706. I have no experience on the model nor
> have I ever looked at the schematic.
>
> I will comment that in the USA models the diode to be removed is obvious once
> the unit has its cover removed. They are the ONLY diodes in the general
> location.
>
> Suggestion: open the covers and take a look.
>
> DD
> ----- Original Message -----
> From: Andy Cox
> To: ic706@yahoogroups.com
> Sent: Monday, August 30, 2010 11:32 AM
> Subject: Re: [ic706] 706HF/VHF model
>
> Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I have
>
> the Original model,Serial num 04450
>
> _____
> From: Deacon Dave <w1mce@...>
> To: ic706@yahoogroups.com

> Sent: Mon, 30 August, 2010 16:28:52
> Subject: Re: [ic706] 706HF/VHF model
>
> Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.
>
> I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
> ----- Original Message -----
> From: m0hlt
> To: ic706@yahoogroups.com
> Sent: Monday, August 30, 2010 6:21 AM
> Subject: [ic706] 706HF/VHF model
>
> Hello all,I am new to this group,I suspect the question im going to ask? has
> been talked about many times? The Expanded TX mod,I have looked at many web
> sites,and they ALL seem to say Different rings? Some mention Diode D59 below
> Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any
> Help/Guidence would be very much appreciated,73
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18215. Re: [ic706] Re: 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-01 16:56:45 UTC
From: Andy Cox
Topic: 18202  Message: 18215

Steve,Hello,yes I pressed up/down button's at the same time "powering up" as suggested,but still no luck

---
From: sj_reed <g6xju@...>
To: ic706@yahoogroups.com
Sent: Wed, 1 September, 2010 12:23:28
Subject: [ic706] Re: 706HF/VHF model

After removing the diode did you perform a CPU reset?

Steve
G6XJU

--- In ic706@yahoogroups.com, Andy Cox <m0hlt@...> wrote:
>
> Yep I have had a look inside and have removed D59,BUT no luck,You say "DIODES"

> Meaning more then One? Are you saying that I have to remove more then one?
>
>
>
>
> ---
> From: Deacon Dave <w1mce@...>
> To: ic706@yahoogroups.com
> Sent: Tue, 31 August, 2010 12:28:20
> Subject: Re: [ic706] 706HF/VHF model
>
> Â
> :-)
>
> Well I can't advise on the EU model 706. I have no experience on the model nor

> have I ever looked at the schematic.
>
> I will comment that in the USA models the diode to be removed is obvious once
> the unit has its cover removed. They are the ONLY diodes in the general
> location.
>
> Suggestion: open the covers and take a look.
>
> DD
> ----- Original Message -----
> From: Andy Cox
> To: ic706@yahoogroups.com

> Sent: Monday, August 30, 2010 11:32 AM
> Subject: Re: [ic706] 706HF/VHF model
>
> Hi Dave,from a sunny (FAR) Southwest of England,A national UK Holiday,yes I
>have
>
>
> the Original model,Serial num 04450
>
> _____
> From: Deacon Dave <w1mce@...>
> To: ic706@yahoogroups.com
> Sent: Mon, 30 August, 2010 16:28:52
> Subject: Re: [ic706] 706HF/VHF model
>
> Do you have the 706, 706MKii or 706MKiiG/ MOD depends on model.
>
> I did the DK.MODS for the 706 MKiiG four years ago and it worked fine.
> ----- Original Message -----
> From: m0hlt
> To: ic706@yahoogroups.com
> Sent: Monday, August 30, 2010 6:21 AM
> Subject: [ic706] 706HF/VHF model
>
> Hello all,I am new to this group,I suspect the question im going to ask? has
> been talked about many times? The Expanded TX mod,I have looked at many web
> sites,and they ALL seem to say Different rings? Some mention Diode D59 below
> Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any

> Help/Guidence would be very much appreciated,73
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18216. 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-03 15:23:01 UTC
From: Robert Sheskin
Topic: 18216  Message: 18216

I installed a fl-101 in my radio expecting to use it for digital modes. I set it up through the menu and it works fine in cw and rtty modes. Problem is that I use a signalink and usb for digital modes. How can I make it so the radio will allow me to use it in usb?

--
73,
Bob N3PPH

# 18217. Re: [ic706] 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-03 18:17:24 UTC
From: Larry J. Ford
Topic: 18216  Message: 18217

I think I read something about this, and it involves "tricking" the rig through the set-up menu as to which filter you've got installed.

I'll see if I can find it and pass it along. I have the 1.9 kHz SSB filter (FL-223?) which should work for USB digital modes if I get around to than on one of my 706s. I also have a 7200, which makes all this pretty simple, with a single USB cable between rig and computer, and user-configurable digital filters, so that's the rig on which I do all my PSK-31, etc.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Robert Sheskin
To: ic706@yahoogroups.com
Sent: Friday, September 03, 2010 11:23 AM
Subject: [ic706] 706mkii filter

I installed a fl-101 in my radio expecting to use it for digital
modes. I set it up through the menu and it works fine in cw and rtty
modes. Problem is that I use a signalink and usb for digital modes. How
can I make it so the radio will allow me to use it in usb?

--
73,
Bob N3PPH

[Non-text portions of this message have been removed]

# 18218. Re: [ic706] 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-03 18:37:10 UTC
From: Joe Isabella
Topic: 18216  Message: 18218

Yep- tell the rig you installed a narrow SSB filter. Then it'll ber available in SSB mode.

Joe, N3JI

Sent from my Verizon Wireless Smartphone

"Larry J. Ford" <lford@usa.net> wrote:

>I think I read something about this, and it involves "tricking" the rig through the set-up menu as to which filter you've got installed.
>
>I'll see if I can find it and pass it along. I have the 1.9 kHz SSB filter (FL-223?) which should work for USB digital modes if I get around to than on one of my 706s. I also have a 7200, which makes all this pretty simple, with a single USB cable between rig and computer, and user-configurable digital filters, so that's the rig on which I do all my PSK-31, etc.
>
>Larry J. Ford
>KG4GPJ
>
>
> ----- Original Message -----
> From: Robert Sheskin
> To: ic706@yahoogroups.com
> Sent: Friday, September 03, 2010 11:23 AM
> Subject: [ic706] 706mkii filter
>
>
>
> I installed a fl-101 in my radio expecting to use it for digital
> modes. I set it up through the menu and it works fine in cw and rtty
> modes. Problem is that I use a signalink and usb for digital modes. How
> can I make it so the radio will allow me to use it in usb?
>
> --
> 73,
> Bob N3PPH
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18219. Re: [ic706] 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-03 18:28:13 UTC
From: Larry J. Ford
Topic: 18216  Message: 18219

Found it:

Here's the "blurb:"

"If you run CW or narrowband digital modes like PSK-31, you need a narrow filter. I recommend the FL-232, 350Hz CW-RTTY filter. <SNIP>

Pop the filter in, then go into setup and tell the radio it's an FL-223 (not 232). This will allow you to select the filter in SSB mode, as well as CW and RTTY. This will allow you to select Narrow on SSB and have about a 450Hz wide bandwidth on your waterfall."

and here's the rest of it:

http://www.athensarc.org/706.asp#Filter

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, September 03, 2010 2:17 PM
Subject: Re: [ic706] 706mkii filter

I think I read something about this, and it involves "tricking" the rig through the set-up menu as to which filter you've got installed.

I'll see if I can find it and pass it along. I have the 1.9 kHz SSB filter (FL-223?) which should work for USB digital modes if I get around to than on one of my 706s. I also have a 7200, which makes all this pretty simple, with a single USB cable between rig and computer, and user-configurable digital filters, so that's the rig on which I do all my PSK-31, etc.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Robert Sheskin
To: ic706@yahoogroups.com
Sent: Friday, September 03, 2010 11:23 AM
Subject: [ic706] 706mkii filter

I installed a fl-101 in my radio expecting to use it for digital
modes. I set it up through the menu and it works fine in cw and rtty
modes. Problem is that I use a signalink and usb for digital modes. How
can I make it so the radio will allow me to use it in usb?

--
73,

Bob N3PPH

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18220. Re: [ic706] 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-03 21:17:52 UTC
From: Robert Sheskin
Topic: 18216  Message: 18220

Thank you! Did that and now I have my filter.

73,
Bob N3PPH

On 9/3/2010 2:28 PM, Larry J. Ford wrote:
>
> Found it:
>
> Here's the "blurb:"
>
> "If you run CW or narrowband digital modes like PSK-31, you need a
> narrow filter. I recommend the FL-232, 350Hz CW-RTTY filter. <SNIP>
>
> Pop the filter in, then go into setup and tell the radio it's an
> FL-223 (not 232). This will allow you to select the filter in SSB
> mode, as well as CW and RTTY. This will allow you to select Narrow on
> SSB and have about a 450Hz wide bandwidth on your waterfall."
>
> and here's the rest of it:
>
> http://www.athensarc.org/706.asp#Filter
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Larry J. Ford
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Friday, September 03, 2010 2:17 PM
> Subject: Re: [ic706] 706mkii filter
>
> I think I read something about this, and it involves "tricking" the
> rig through the set-up menu as to which filter you've got installed.
>
> I'll see if I can find it and pass it along. I have the 1.9 kHz SSB
> filter (FL-223?) which should work for USB digital modes if I get
> around to than on one of my 706s. I also have a 7200, which makes all
> this pretty simple, with a single USB cable between rig and computer,
> and user-configurable digital filters, so that's the rig on which I do
> all my PSK-31, etc.
>
> Larry J. Ford
> KG4GPJ
>

> ----- Original Message -----
> From: Robert Sheskin
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Friday, September 03, 2010 11:23 AM
> Subject: [ic706] 706mkii filter
>
> I installed a fl-101 in my radio expecting to use it for digital
> modes. I set it up through the menu and it works fine in cw and rtty
> modes. Problem is that I use a signalink and usb for digital modes. How
> can I make it so the radio will allow me to use it in usb?
>
> --
> 73,
> Bob N3PPH
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18221. Re: 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-05 02:59:45 UTC
From: Tom Root
Topic: 18216  Message: 18221

Thank you for this info on behalf of many of us, kind Sir :-)

Tom Root, WB8UUJ

Flushing, MI USA

[Non-text portions of this message have been removed]

# 18222. 706mkii filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-05 07:02:23 UTC
From: Tyson
Topic: 18216  Message: 18222

Go into the settings menu where you tell it what filter it is and set it as the FL-223. It'll let you select it in SSB that way and, according to the instructions, SSB (as a wide filter?) as well.

I haven't tried this yet but I read this trick from someone else who was using a 706 for psk-31 with one of the CW filters. Let me know how it works.

73 - Tyson

[Non-text portions of this message have been removed]

# 18223. Issue with transmit with UHF an VHF delayed audio not tripping repeaters.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-05 00:43:21 UTC
From: dcrilley
Topic: 18223  Message: 18223

Hi everyone.

I just joined this group and this is my first post. I was wondering if some can advise on the following problem. The radio has been installed in a minivan for the last 10 years and has been sujected to hot humid summers and cold winters and I just got the IC 706 in the shack to repair(hopefully).

Here is the problem:

The radio seems to have problems tripping some local UHF/VHF repeaters after about 30 seconds of testing and others repeaters it works normal. Power was tested from low to high and it looks as if the finals are O.K with proper power observed on wattmeter into dummy load.

Here is where it gets interesting, it takes a moment until microphone audio is heard on frequency. With the delay I don't think the PL tone has a chance to trip the repeaters in question.

Any advice or suggestions?

Thank in advance

Dan.

# 18224. RE: [ic706] Issue with transmit with UHF an VHF delayed audio not tripping repeaters.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-05 10:29:52 UTC
From: pedroafonso2@yahoo.com
Topic: 18223  Message: 18224

Check If radio is transmitting in the frecuency the display actually shows. It maybe few kilohertz out of frecuency.

[Non-text portions of this message have been removed]

# 18225. Re: Issue with transmit with UHF an VHF delayed audio not tripping repeaters.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-05 21:07:40 UTC
From: dcrilley
Topic: 18223  Message: 18225

--- In ic706@yahoogroups.com, <pedroafonso2@...> wrote:
>
> Check If radio is transmitting in the frecuency the display actually shows. It maybe few kilohertz out of frecuency.
>
> [Non-text portions of this message have been removed]

It works fine on frequency until approx 30 seconds. Then the audio is delayed and eventually audio is distorted and becomes intermittent. It's as if there is heat buildup that causes something to change. The finals appear fine as it has a steady power output with normal SWR. I am trying to find a starting point and wondered if this is a common issue with the 706's ?

# 18226. RE: [ic706] Re: Issue with transmit with UHF an VHF delayed audio not tripping repeaters.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-06 00:36:18 UTC
From: pedroafonso2@yahoo.com
Topic: 18223  Message: 18226

Check also if that happens at any mode or any frecuency

[Non-text portions of this message have been removed]

# 18227. Re: Issue with transmit with UHF an VHF delayed audio not tripping repeaters.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-06 01:23:39 UTC
From: dcrilley
Topic: 18223  Message: 18227

I will have access to a service monitor in the next week or so. I'll check for transmit freq. I downloaded the service manual for reference if I need to do a tx re-alignment.

What puzzles me is the delay in audio after 30 seconds keying transmitter. I'll do more testing in all modes and different freq's. I try to post my results as soon as I can.

--- In ic706@yahoogroups.com, <pedroafonso2@...> wrote:
>
> Check also if that happens at any mode or any frecuency
>
> [Non-text portions of this message have been removed]
>

# 18228. Re: [ic706] Bad xmit & recv audio on H.F. ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-06 14:50:01 UTC
From: Keith Estey
Topic: 18205  Message: 18228

Hi Jim.
The rx & tx on my Icom 706 Mkii would go weak usually in the summer time
and i too thought it might be related to the heat but it turned out to
be a bad RF coil. I had it fixed and now it works great all year around.

--

Ttul. VE1KRE.....Keith.

*H*elping *A*ll *M*ankind

If your outflow exceeds your income, then your upkeep will be your
downfall. thetrumpet.com <http://thetrumpet.com/>

Jimmy wrote:
> After rig has been on awhile, my ssb audio on both xmit& rcv goes bad. On recieve it sounds like a nearby strong station is de-sentizing the reciever. It happens when the rig has been on for about 15 minutes so I thought that the problem was heat sensitive. The internal cooling fan comes on and I put an external muffin fan on the unit. The case cools down but the problem is still there. After turning the rig off for about 1/2 hour and turning it back on the audio is O.K. My next thought is that it is a voltage problem somewhere. Any suggestions?
>
> Thanks
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3104 - Release Date: 08/31/10 03:34:00
>
>

[Non-text portions of this message have been removed]

# 18229. Re: 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-06 21:25:09 UTC
From: km4ja
Topic: 18202  Message: 18229

Which ever model you have, if you remove a diode, do so with caution. It is about the size of a flea!

73
Harvey, KM4JA

--- In ic706@yahoogroups.com, "m0hlt" <m0hlt@...> wrote:
>
> Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73
>

# 18230. Re: [ic706] Re: 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-07 22:57:11 UTC
From: Deacon Dave
Topic: 18202  Message: 18230

A flea with NO LEGS!

----- Original Message -----
From: km4ja
To: ic706@yahoogroups.com
Sent: Monday, September 06, 2010 5:25 PM
Subject: [ic706] Re: 706HF/VHF model

Which ever model you have, if you remove a diode, do so with caution. It is about the size of a flea!

73
Harvey, KM4JA

--- In ic706@yahoogroups.com, "m0hlt" <m0hlt@...> wrote:
>
> Hello all,I am new to this group,I suspect the question im going to ask? has been talked about many times? The Expanded TX mod,I have looked at many web sites,and they ALL seem to say Different rings? Some mention Diode D59 below Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any Help/Guidence would be very much appreciated,73
>

[Non-text portions of this message have been removed]

# 18231. Re: [ic706] Re: 706HF/VHF model

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-08 00:22:26 UTC
From: Spires Spam
Topic: 18202  Message: 18231

It would be nice if you could find a photo of the dioed in the 706, I have found them for the mk 2 and th mk2g.

Cliff

---

From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Tue, September 7, 2010 6:57:11 PM
Subject: Re: [ic706] Re: 706HF/VHF model

A flea with NO LEGS!

----- Original Message -----
From: km4ja
To: ic706@yahoogroups.com
Sent: Monday, September 06, 2010 5:25 PM
Subject: [ic706] Re: 706HF/VHF model

Which ever model you have, if you remove a diode, do so with caution. It is about the size of a flea!

73
Harvey, KM4JA

--- In ic706@yahoogroups.com, "m0hlt" <m0hlt@...> wrote:
>
> Hello all,I am new to this group,I suspect the question im going to ask? has
>been talked about many times? The Expanded TX mod,I have looked at many web
>sites,and they ALL seem to say Different rings? Some mention Diode D59 below
>Marker 108,Other's talk about Diode's that dont seem to exsist on my Model,Any
>Help/Guidence would be very much appreciated,73
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18232. Re: [ic706] Bad xmit & recv audio on H.F. ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-08 05:20:57 UTC
From: Rakesh Kapoor
Topic: 18205  Message: 18232

Can you write which RF coil is that?????
Thank you,

VU2RAK

--- On Mon, 6/9/10, Keith Estey <kestey@...> wrote:

From: Keith Estey <kestey@...>
Subject: Re: [ic706] Bad xmit & recv audio on H.F. ssb
To: ic706@yahoogroups.com
Date: Monday, 6 September, 2010, 8:20 PM

Hi Jim.

The rx & tx on my Icom 706 Mkii would go weak usually in the summer time

and i too thought it might be related to the heat but it turned out to

be a bad RF coil. I had it fixed and now it works great all year around.

--

Ttul. VE1KRE.....Keith.

*H*elping *A*ll *M*ankind

If your outflow exceeds your income, then your upkeep will be your

downfall. thetrumpet.com <http://thetrumpet.com/>

Jimmy wrote:

> After rig has been on awhile, my ssb audio on both xmit& rcv goes bad. On recieve it sounds like a nearby strong station is de-sentizing the reciever. It happens when the rig has been on for about 15 minutes so I thought that the problem was heat sensitive. The internal cooling fan comes on and I put an external muffin fan on the unit. The case cools down but the problem is still there. After turning the rig off for about 1/2 hour and turning it back on the audio is O.K. My next thought is that it is a voltage problem somewhere. Any suggestions?

>

> Thanks

>

>

>

> ------------------------------------

>

> Yahoo! Groups Links

>

>

>

>

>

>

> No virus found in this incoming message.

> Checked by AVG - www.avg.com

> Version: 9.0.851 / Virus Database: 271.1.1/3104 - Release Date: 08/31/10 03:34:00

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18233. Re: [ic706] Bad xmit & recv audio on H.F. ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2010-09-08 14:53:41 UTC
From: Keith Estey
Topic: 18205  Message: 18233

Hi Rakesh.
Sorry. I didn't fix it my self so don't know just which one it was. All i know is that since the coil was replaced my rig has worked like new with no problems.
Guess you'll just have to do some hunting to find the correct one.

--

Ttul. VE1KRE.....Keith.

*100 Years*.

*H*elping *A*ll *M*ankind

If your outflow exceeds your income, then your upkeep will be your downfall. thetrumpet.com <http://thetrumpet.com/>

Rakesh Kapoor wrote:
> Can you write which RF coil is that?????
> Thank you,
>
> VU2RAK
>
> --- On Mon, 6/9/10, Keith Estey<kestey@...> wrote:
>
> From: Keith Estey<kestey@...>
> Subject: Re: [ic706] Bad xmit& recv audio on H.F. ssb
> To: ic706@yahoogroups.com
> Date: Monday, 6 September, 2010, 8:20 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

> Hi Jim.
>
> The rx& tx on my Icom 706 Mkii would go weak usually in the summer time
>
> and i too thought it might be related to the heat but it turned out to
>
> be a bad RF coil. I had it fixed and now it works great all year around.
>
>
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.851 / Virus Database: 271.1.1/3121 - Release Date: 09/08/10 03:07:00
>
>

[Non-text portions of this message have been removed]

# 18235. Can I transmit psk31 out of the jack used for RTTY?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-01 00:53:01 UTC
From: ae4gm2003
Topic: 18235  Message: 18235

[Body unavailable in the source archive]

# 18236. Re: [ic706] Can I transmit psk31 out of the jack used for RTTY? NO!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-01 21:39:54 UTC
From: Jeff Moore
Topic: 18236  Message: 18236

----- Original Message -----
From: ae4gm2003
To: ic706@yahoogroups.com
Sent: Thursday, September 30, 2010 5:53 PM
Subject: [ic706] Can I transmit psk31 out of the jack used for RTTY?

[Non-text portions of this message have been removed]

# 18237. MK2G Intermittent Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 08:00:12 UTC
From: yellow_kite
Topic: 18237  Message: 18237

Hello

My trusted MK2G suddenly developed a problem. RX okay all bands. TX intermittent, all modes all HF Bands. Sometimes the power comes and then it goes off ( Less than One watt on all HF bands) and suddenly it comes back again to full power. Looks like a loose connection or a relay contact issue.

Earlier symptom was that when cold it shows full power and the problem starts when it heats. This morning it had this problem even from cold start. Again HF RX is 100 % okay all bands and VHF/UHF RX/TX also appears OK.

Any suggestions ? Thanks

73
Rahul, VU2YK

# 18238. Re: MK2G Intermittent Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 08:09:37 UTC
From: yellow_kite
Topic: 18237  Message: 18238

Hi

Must add that I tried cleaning front panel contacts as well as power supply connections. Also did a hard microprocessor reset. No help. Since the power comes back to full value and then goes to almost zero, I suspect a loose connection or even a dry solder. 706 does develop problems like these caused by excessive heat in the body, although it is claimed that because the body is being used as a heat sink, it will get hot. But I never had a any serious heating issue with this rig. Never used it on RTTY etc modes. Always CW and SSB.

Thanks

Rahul

# 18239. Re: Intermittent Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 08:23:58 UTC
From: yellow_kite
Topic: 1882  Message: 18239

Phil

My MK2G has developed same problem. When I change modes, it sometimes come back else very low(less than one watt) output on HF. Did you find any solution ? I am in New Delhi, India and Icom has no service center here.

73
Rahul, VU2YK

--- In ic706@yahoogroups.com, "Phil " <nika01@...> wrote:
>
>
> 706m2g... cw. Sometimes the rig will just not transmit. If I change
> modes to AM, key the mike, and then back to cw all is fine. Starting
> to be very aggrivating.
>
> Any ideas??
>
> Phil AB8EO
>

# 18240. Re: IC706MkII intermitent Xmit Problem!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 08:45:18 UTC
From: yellow_kite
Topic: 3629  Message: 18240

Hi

My MK2G developed a similar problem last few days. I am in New Delhi, India and ICOM has no service center around here.

Did you find any solution to your rig ? Did tightening the PCB screws help ? Thanks

73
Rahul, VU2YK

--- In ic706@yahoogroups.com, Ben Worrell <km5ot@...> wrote:
>
> I have an Icom 706MkII that I've used mobile for about 5 years now,
> never had a problem.......
> Until a few weeks ago I noticed that on 17m SSB (the main band/mode)
> I use,that when I keyed the Mic, before speaking that the SWR meter
> would
> sometimes go full scale, re-key the mic and the same thing. Wait a
> few minutes and all would be fine. Then I went several days without
> experiencing the problem.
> Yesterday afternoon I turned on the rig, and on the freq I was tuned
> to
> someone was calling CQ, I listened and no one returned his call, I
> keyed the mic and the radio shut down, almost like I'm not getting
> enough power to the rig.
> I pulled over and checked my coax connections, keyed the mic and same
> thing, got back in and drove on.... After about 5 minutes I tried to
> key the mic again and all seemed well so I started a QSO, but during
> that QSO when I was speaking a couple of times the SWR meter went
> full scale, and the station I was talking to said I was chopping out.
> About 15 minutes later I had a 30 minute QSO with Bob VP2E?? in the
> British West Indies with no problems at all (SWR meter behaved and I
> was solid copy)
>
> Seems this problem only occurs when the Rig is cold, like less than
> 50 degrees. Could be my battery is getting week, but my in dash
> voltmeter is showing about 14volts like it did the day I bought it.
>
> Tonight I plan to check voltage to the rig and make sure there's not
> a problem there. But seems to be related to temperature since it
> seems to go away within 10 minutes of turning the radio on.
>
> Anyone have any simular problems, or suggestions?
> My coax connections are tight and dry, there is no play in the coax
> even when mobile at 70mph.
>

> I'm located in Central TX so after this current little cool spell is
> over, I probably won't see temperatures under 60degrees until next
> fall.....
>
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards®
> http://movies.yahoo.com/
>

# 18241. Re: IC706MkII intermitent Xmit Problem!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 11:04:02 UTC
From: k0cwo
Topic: 3629  Message: 18241

I had a similar problem. This fixed mine:

http://www.ad5x.com/images/Presentations/IC706InstabilityRevA.pdf

http://www.ad5x.com/images/Presentations/IcomBulletin928.pdf

Let us know if this worked for you.

73, BJ

--- In ic706@yahoogroups.com, Ben Worrell <km5ot@...> wrote:
>
> I have an Icom 706MkII that I've used mobile for about 5 years now,
> never had a problem.......
> Until a few weeks ago I noticed that on 17m SSB (the main band/mode)
> I use,that when I keyed the Mic, before speaking that the SWR meter
> would
> sometimes go full scale, re-key the mic and the same thing. Wait a
> few minutes and all would be fine. Then I went several days without
> experiencing the problem.
> Yesterday afternoon I turned on the rig, and on the freq I was tuned
> to
> someone was calling CQ, I listened and no one returned his call, I
> keyed the mic and the radio shut down, almost like I'm not getting
> enough power to the rig.
> I pulled over and checked my coax connections, keyed the mic and same
> thing, got back in and drove on.... After about 5 minutes I tried to
> key the mic again and all seemed well so I started a QSO, but during
> that QSO when I was speaking a couple of times the SWR meter went
> full scale, and the station I was talking to said I was chopping out.
> About 15 minutes later I had a 30 minute QSO with Bob VP2E?? in the
> British West Indies with no problems at all (SWR meter behaved and I
> was solid copy)
>
> Seems this problem only occurs when the Rig is cold, like less than
> 50 degrees. Could be my battery is getting week, but my in dash
> voltmeter is showing about 14volts like it did the day I bought it.
>
> Tonight I plan to check voltage to the rig and make sure there's not
> a problem there. But seems to be related to temperature since it
> seems to go away within 10 minutes of turning the radio on.
>
> Anyone have any simular problems, or suggestions?
> My coax connections are tight and dry, there is no play in the coax
> even when mobile at 70mph.
>

> I'm located in Central TX so after this current little cool spell is
> over, I probably won't see temperatures under 60degrees until next
> fall.....
>
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards®
> http://movies.yahoo.com/
>

# 18242. Re: IC706MkII intermitent Xmit Problem!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 14:05:11 UTC
From: Lars Kvant
Topic: 3629  Message: 18242

Hi everybody

Had same problem with my Mk II, took the board out, and found that the internal connector from HF/6m out, was loose...
Put it back in, tightened the ground between the pl-antenna-connector and the board, tightened the screws, and now it seemes to be working fine...
(my radio is so old, that the board in the pic didn't look like that at all)

--- In ic706@yahoogroups.com, "k0cwo" <k0cwo@...> wrote:
>
> I had a similar problem. This fixed mine:
>
> http://www.ad5x.com/images/Presentations/IC706InstabilityRevA.pdf
>
> http://www.ad5x.com/images/Presentations/IcomBulletin928.pdf
>
> Let us know if this worked for you.
>
> 73, BJ
>
> --- In ic706@yahoogroups.com, Ben Worrell <km5ot@> wrote:
> >
> > I have an Icom 706MkII that I've used mobile for about 5 years now,
> > never had a problem.......
> > Until a few weeks ago I noticed that on 17m SSB (the main band/mode)
> > I use,that when I keyed the Mic, before speaking that the SWR meter
> > would
> > sometimes go full scale, re-key the mic and the same thing. Wait a
> > few minutes and all would be fine. Then I went several days without
> > experiencing the problem.
> > Yesterday afternoon I turned on the rig, and on the freq I was tuned
> > to
> > someone was calling CQ, I listened and no one returned his call, I
> > keyed the mic and the radio shut down, almost like I'm not getting
> > enough power to the rig.
> > I pulled over and checked my coax connections, keyed the mic and same
> > thing, got back in and drove on.... After about 5 minutes I tried to
> > key the mic again and all seemed well so I started a QSO, but during
> > that QSO when I was speaking a couple of times the SWR meter went
> > full scale, and the station I was talking to said I was chopping out.
> > About 15 minutes later I had a 30 minute QSO with Bob VP2E?? in the
> > British West Indies with no problems at all (SWR meter behaved and I
> > was solid copy)
> >
> > Seems this problem only occurs when the Rig is cold, like less than

> > 50 degrees. Could be my battery is getting week, but my in dash
> > voltmeter is showing about 14volts like it did the day I bought it.
> >
> > Tonight I plan to check voltage to the rig and make sure there's not
> > a problem there. But seems to be related to temperature since it
> > seems to go away within 10 minutes of turning the radio on.
> >
> > Anyone have any simular problems, or suggestions?
> > My coax connections are tight and dry, there is no play in the coax
> > even when mobile at 70mph.
> >
> > I'm located in Central TX so after this current little cool spell is
> > over, I probably won't see temperatures under 60degrees until next
> > fall.....
> >
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Movies - coverage of the 74th Academy Awards®
> > http://movies.yahoo.com/
> >
>

# 18243. antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-03 23:21:40 UTC
From: ke6czh
Topic: 18243  Message: 18243

heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

# 18244. antenna

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 09:12:54 UTC
From: pedro afonso
Topic: 17609  Message: 18244

best auto antenna tuner for me to use with ic-706 is the MFJ-929

[Non-text portions of this message have been removed]

# 18245. Re: antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 10:43:19 UTC
From: vk5zuc
Topic: 18243  Message: 18245

For me the LDG Z100 and AT-1000pro have been fine.
The Z100 is not auto but all the newer ones are.
THe best antenna here is a full wave loop on the lowest band you can fit as high as you can get it.
However anything is better than nothing. I used a coax fed dipole resonant at about 5meg to start with the z100 and 706 original.
Andrew

--- In ic706@yahoogroups.com, "ke6czh" <KE6CZH@...> wrote:
>
> heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.
>

# 18246. Re: [ic706] antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 12:18:10 UTC
From: Deacon Dave
Topic: 18243  Message: 18246

Why not try the tuner ICOM designed for the IC-7 series ... the AH-4?

I've used mine for more than 7 years in summer heat [90 - 98F], winter cold [-10F], wind, rain, snow and sleet. It is 100% exposed to the elements! It is mounted in the open bed of a pick up truck, a Ford Ranger.

It's better than the US Post Office for reliability ;-)

A good HF Antenna SYSTEM is the AH-4 feeding a long piece of wire against ground or counterpoise. It's simple and a very inexpensive antenna.

Dave
----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Sunday, October 03, 2010 7:21 PM
Subject: [ic706] antenna tuner for my older icom 706?

heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

[Non-text portions of this message have been removed]

# 18247. Re: [ic706] antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 13:46:36 UTC
From: Larry J. Ford
Topic: 18243  Message: 18247

I agree. The older AH-3 and AH-2 will also work with the older 706 as well to my knowledge.

My first "real" HF antenna (not counting the simple little 10-meter dipole) was a random wire (14-gauge stranded bare copper wire) 100-feet long, sloping from about 10 feet off the ground up to an oak tree limb about 35 feet up. I ran a 105-foot counterpoise/ground/radial wire (14 gauge stranded insulated wire from HD) connected to the ground terminal of the AH-4 right underneath the radiating wire. Worked great on 80 meters and up (and would actually tune-up on 160 meters at no more than 50 watts output).

The advantage to using the AH-4 mounted at the base (feedpoint) of an antenna is that the coax between the tuner and the rig is matched to the rig and thus very little loss results. With a tuner mounted at the rig, there may well be a high SWR between the tuner and the antenna, which, depending upon the frequency and quality of the coax, can result in higher losses.

The AH-x series can also be used to match loops, mobile verticals, as Dave describes, and even dipoles/doublets.

A very versatile tuner, with a wide matching range, so long as you avoid the dreaded "half-wavelength."

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Monday, October 04, 2010 8:18 AM
Subject: Re: [ic706] antenna tuner for my older icom 706?

Why not try the tuner ICOM designed for the IC-7 series ... the AH-4?

I've used mine for more than 7 years in summer heat [90 - 98F], winter cold [-10F], wind, rain, snow and sleet. It is 100% exposed to the elements! It is mounted in the open bed of a pick up truck, a Ford Ranger.

It's better than the US Post Office for reliability ;-)

A good HF Antenna SYSTEM is the AH-4 feeding a long piece of wire against ground or counterpoise. It's simple and a very inexpensive antenna.

Dave
----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Sunday, October 03, 2010 7:21 PM
Subject: [ic706] antenna tuner for my older icom 706?

heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18248. Re: [ic706] antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 13:41:55 UTC
From: Mark Grybos
Topic: 18243  Message: 18248

Hi I have the LDG IT-100 Automatic antenna tuner and i just love it ..You are able to use the tuner button on the radio.i have been using it for about 3 months now and am very happy with it....Mark N3DHE
----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Sunday, October 03, 2010 7:21 PM
Subject: [ic706] antenna tuner for my older icom 706?

heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

[Non-text portions of this message have been removed]

# 18249. Re: [ic706] antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 18:50:08 UTC
From: Alan Beagley
Topic: 18243  Message: 18249

On 10/03/10 07:21 pm, ke6czh wrote:

> heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

I've been using an Icom AH-4 for more than 8 years. It's mounted outside
and has survived summer sun and NY and MI winters.

73

Alan NV8A

# 18250. Re: antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-04 22:38:47 UTC
From: kd8dvy@ymail.com
Topic: 18243  Message: 18250

Two questions for you;

1) what bands do you want to work? this will decide your antenna

2) how much room do you have and how much are willing to spend on a tuner

--- In ic706@yahoogroups.com, "ke6czh" <KE6CZH@...> wrote:
>
> heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.
>

# 18251. Re: [ic706] antenna tuner for my older icom 706?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-05 00:32:21 UTC
From: Joe Isabella
Topic: 18243  Message: 18251

I can also recommend the AH-4. I have used mine mobile tuning a whip at the feed point and portable tuning a 450 ohm fed doublet, 80-10. Worked extremely well....

Joe, N3JI

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Mon, October 4, 2010 8:46:36 AM
Subject: Re: [ic706] antenna tuner for my older icom 706?

I agree. The older AH-3 and AH-2 will also work with the older 706 as well to my knowledge.

My first "real" HF antenna (not counting the simple little 10-meter dipole) was a random wire (14-gauge stranded bare copper wire) 100-feet long, sloping from about 10 feet off the ground up to an oak tree limb about 35 feet up. I ran a 105-foot counterpoise/ground/radial wire (14 gauge stranded insulated wire from HD) connected to the ground terminal of the AH-4 right underneath the radiating wire. Worked great on 80 meters and up (and would actually tune-up on 160 meters at no more than 50 watts output).

The advantage to using the AH-4 mounted at the base (feedpoint) of an antenna is that the coax between the tuner and the rig is matched to the rig and thus very little loss results. With a tuner mounted at the rig, there may well be a high SWR between the tuner and the antenna, which, depending upon the frequency and quality of the coax, can result in higher losses.

The AH-x series can also be used to match loops, mobile verticals, as Dave describes, and even dipoles/doublets.

A very versatile tuner, with a wide matching range, so long as you avoid the dreaded "half-wavelength."

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Monday, October 04, 2010 8:18 AM
Subject: Re: [ic706] antenna tuner for my older icom 706?

Why not try the tuner ICOM designed for the IC-7 series ... the AH-4?

I've used mine for more than 7 years in summer heat [90 - 98F], winter cold [-10F], wind, rain, snow and sleet. It is 100% exposed to the elements! It is

mounted in the open bed of a pick up truck, a Ford Ranger.

It's better than the US Post Office for reliability ;-)

A good HF Antenna SYSTEM is the AH-4 feeding a long piece of wire against ground or counterpoise. It's simple and a very inexpensive antenna.

Dave
----- Original Message -----
From: ke6czh
To: ic706@yahoogroups.com
Sent: Sunday, October 03, 2010 7:21 PM
Subject: [ic706] antenna tuner for my older icom 706?

heloo to all i need a antenna tuner for my icom 706 must be automatic i hear ldg and mfj make one any suggestion plus i need a hf antenna not to expensive dealing wit budget cuts.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18252. CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-05 21:25:42 UTC
From: Brock Winfrey
Topic: 18252  Message: 18252

I just got an IC706.  I do mostly CW.  Should I consider getting the 500Hz or 250Hz CW filter?  On other rigs the narrower the filter the lower the volume.  Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

# 18253. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-05 22:28:51 UTC
From: Ron W8RJL
Topic: 18252  Message: 18253

Brock,
It depends on your operating style and skills. 500 HZ is considered a good CW filter for all types of use. The 250 Hz requires more careful tuning or you will miss an off frequency response to your CQ or contest QRZ. If you chase DX, contest, or like to pull the contacts out on a crowded band get the 250 HZ. A good 250 HZ filter should not have less volume it is just that you hear less bandwidth and it seems quiter. I run the Icom 250 HZ filter in my 706 MK2G but I have been working CW for 56 years. I always year good earphones when operating CW. 73 Ron W8RJL

----- Original Message -----
From: Brock Winfrey
To: ic706@yahoogroups.com
Sent: Tuesday, October 05, 2010 5:25 PM
Subject: [ic706] CW Filter

I just got an IC706. I do mostly CW. Should I consider getting the 500Hz or 250Hz CW filter? On other rigs the narrower the filter the lower the volume. Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18254. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-05 22:33:26 UTC
From: Joe Isabella
Topic: 18252  Message: 18254

You could also split the difference and get a 350 Hz RTTY filter. They are a comfortable compromise between the two.

Joe, N3JI

Sent from my Verizon Wireless Phone

Ron W8RJL <youngron@verizon.net> wrote:

>Brock,
>It depends on your operating style and skills. 500 HZ is considered a good CW filter for all types of use. The 250 Hz requires more careful tuning or you will miss an off frequency response to your CQ or contest QRZ. If you chase DX, contest, or like to pull the contacts out on a crowded band get the 250 HZ. A good 250 HZ filter should not have less volume it is just that you hear less bandwidth and it seems quiter. I run the Icom 250 HZ filter in my 706 MK2G but I have been working CW for 56 years. I always year good earphones when operating CW. 73 Ron W8RJL
>
>
> ----- Original Message -----
> From: Brock Winfrey
> To: ic706@yahoogroups.com
> Sent: Tuesday, October 05, 2010 5:25 PM
> Subject: [ic706] CW Filter
>
>
>
> I just got an IC706. I do mostly CW. Should I consider getting the 500Hz or 250Hz CW filter? On other rigs the narrower the filter the lower the volume. Any advice?
>
> Sincerely, Brock Winfrey
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18255. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-05 22:56:05 UTC
From: K4GM
Topic: 18252  Message: 18255

I used a 500 hz filter on mine with excellent results on cw.
George K4GM

Sent via DROID on Verizon Wireless

-----Original message-----
From: Brock Winfrey <ae4gm2003@...>
To: ic706@yahoogroups.com
Sent: Tue, Oct 5, 2010 21:25:42 GMT+00:00
Subject: [ic706] CW Filter

I just got an IC706.  I do mostly CW.  Should I consider getting the 500Hz or 250Hz CW filter?  On other rigs the narrower the filter the lower the volume.  Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18256. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-06 01:48:56 UTC
From: Dihan Angelo
Topic: 18252  Message: 18256

hi friends... im new to ham radio and i would like to know the performance difference between FL-103 and FL-223. which one should i use for which specific requirement?

Dihan Angelo De Silva

facebook.com/dihanangelo

--- On Tue, 5/10/10, Brock Winfrey <ae4gm2003@...> wrote:

From: Brock Winfrey <ae4gm2003@...>
Subject: [ic706] CW Filter
To: ic706@yahoogroups.com
Date: Tuesday, 5 October, 2010, 14:25

I just got an IC706.  I do mostly CW.  Should I consider getting the 500Hz or 250Hz CW filter?  On other rigs the narrower the filter the lower the volume.  Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18257. CW sidetone

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-06 12:14:11 UTC
From: newarroja
Topic: 18257  Message: 18257

Hello everyone,

I have a problem on my IC 706 with the CW setting, where the sidetone is always on.

It's a problem that I've had for some time now but because I don't do much CW work, never bothered to look into.

I did play a bit wih the adjustment button's on the side panel, to no avail.

Is this something that someone has experienced before? I'd aprecciate some insight into the problem so I could try to fix it.

Thank you,

Paulo, CT2IWW

# 18258. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-06 13:50:53 UTC
From: n3wxw@aol.com
Topic: 18252  Message: 18258

I have a 706mkIIg I instaled the 500 hz filter. I am quite happy with it. I operate mobile only with the 706. I also installed the 1800hz filter.I have dsp so I did not see a need for a 250hz. 73 de Ed

-----Original Message-----
From: Brock Winfrey <ae4gm2003@...>
To: ic706@yahoogroups.com
Sent: Tue, Oct 5, 2010 5:25 pm
Subject: [ic706] CW Filter

I just got an IC706. I do mostly CW. Should I consider getting the 500Hz or 250Hz CW filter? On other rigs the narrower the filter the lower the volume. Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18259. Re: CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-06 14:53:02 UTC
From: Tom Root
Topic: 18252  Message: 18259

I'd say the 500Hz filter....T

Tom Root, WB8UUJ

Flushing, MI USA

[Non-text portions of this message have been removed]

# 18260. Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-06 16:19:53 UTC
From: Brock Winfrey
Topic: 18252  Message: 18260

Thanks Joe.  I did just that.  I found one on Ebay for $84 and ordered it.  I talked to a local ham buddy that confirmed your opinion.  I very much appreciate your help in making this decision.  73's Brock  AE4GM

Sincerely, Brock Winfrey

--- On Tue, 10/5/10, Joe Isabella <n3ji@...> wrote:

From: Joe Isabella <n3ji@...>
Subject: Re: [ic706] CW Filter
To: ic706@yahoogroups.com
Date: Tuesday, October 5, 2010, 6:33 PM

You could also split the difference and get a 350 Hz RTTY filter. They are a comfortable compromise between the two.

Joe, N3JI

Sent from my Verizon Wireless Phone

Ron W8RJL <youngron@...> wrote:

>Brock,

>It depends on your operating style and skills. 500 HZ is considered a good CW filter for all types of use. The 250 Hz requires more careful tuning or you will miss an off frequency response to your CQ or contest QRZ. If you chase DX, contest, or like to pull the contacts out on a crowded band get the 250 HZ. A good 250 HZ filter should not have less volume it is just that you hear less bandwidth and it seems quiter. I run the Icom 250 HZ filter in my 706 MK2G but I have been working CW for 56 years. I always year good earphones when operating CW. 73 Ron W8RJL

>

>

> ----- Original Message -----

> From: Brock Winfrey

> To: ic706@yahoogroups.com

> Sent: Tuesday, October 05, 2010 5:25 PM

> Subject: [ic706] CW Filter

>

>

>

> I just got an IC706. I do mostly CW. Should I consider getting the 500Hz or 250Hz CW filter? On other rigs the narrower the filter the lower the volume. Any advice?

>

> Sincerely, Brock Winfrey

>

> [Non-text portions of this message have been removed]

>

>

>

>

>

>[Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 18261. IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 01:53:59 UTC
From: Matt NM6W
Topic: 18261  Message: 18261

Hi all

I did some digging back and wasn't able to find this question answered in past queries-- if I mis-searched and this is already buried in the archives I apologize. I recently bought a used ic-706mkiig. Works great as far as I can tell, have made contacts on 40m, 2m/440 so far after getting everything set up, just using hand mike and manually tuning etc. Would like to use ham radio deluxe for digital modes as well as for tying the rig into the logbook software so i don't have to hand-jam band/freq/etc every entry.

Im a new ham but my father's an old-timer so after hearing all his horror stories about fighting with serial ports, i figured i'd just buy a rigblaster pnp to try and reduce headaches. maybe it will, maybe it won't. Went by HRO and got that and an adapter cable that goes from the PnP to the 13 pin DIN on the back of the rig (this was with guidance from an HRO smartguy). Today I finally hooked it all up and its not quite there. I went into the settings and verified the CIV ID (58H), set the CIV baud rate from Auto to 19200 (tried 9600/4800 later), and went through all the other Rigblaster and HRD recommended settings. Plugged PnP into PC and it was detected, new com port (COM4), driver's all happy-looking. Baud rate is 19200 (or others as i tried them), 8N1 no flow control.

In HRD i just set port and baud rate, left CIV ID as 58, and left DTR and RTS options unchecked.

When I hooked it all up it quickly keyed the transmitter a couple of times ... seemed reasonable to me. But when i hit Connect in HRD, it times out when trying to read the frequency. Have tried all kinds of stuff-- rebooted PC, switched baud rates (after which I hook/unhook serial port and pwr cycle radio to be sure). nada. Always hangs at the "Reading Frequency" bit and eventually fails.

I'm open to any suggestions including "hey stupid dont use that rigblaster thing" or "ic706 is a good mobile rig but ain't so great with computer control" etc etc.

This is my base station until I move into a new place at which point it'll move to my truck and probably get a K3, so .. if I can't make this work its not the end of the world.

Any tips?

thanks!
Matt
nm6w

# 18262. Re: [ic706] IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 08:47:35 UTC
From: Costas Krallis
Topic: 18261  Message: 18262

At 04:53 2010-10-10, you wrote:

> I'm open to any suggestions including "hey stupid dont use that
> rigblaster thing" or "ic706 is a good mobile rig but ain't so great with
> computer control" etc etc.

I don't know about rigblaster, but IC-706 is OK with computer
control, I use it as my main station rig in all modes, including
RTTY and other digital modes.

73 DE SV1XV
Costas

# 18263. Re:IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 10:50:48 UTC
From: Rhys Griffiths
Topic: 18261  Message: 18263

What have you got plugged into the radio's CI/V port? I use a Signalink with the Icom CT-17 running to a serial port card in my PC and it works great.

Rhys
GW0DIV

Sent from my iPhone

# 18264. Re:IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 10:54:54 UTC
From: Bob Hayner
Topic: 18261  Message: 18264

Like Rhys, I too use the Signalink & Icom CT-17......works great.

Bob
n2rch

[Non-text portions of this message have been removed]

# 18265. Re: IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 14:22:55 UTC
From: kd8dvy@ymail.com
Topic: 18261  Message: 18265

I use to have that same problem. It was such an easy fix that when you look at it and see it you will go DUH and slap your head.

When you start HRD you need to make sure that RTS and DTS is checked that should fix your issues.

Harold KD8DVY

--- In ic706@yahoogroups.com, Matt NM6W <nm6w@...> wrote:
>
> Hi all
>
>
> I did some digging back and wasn't able to find this question answered
> in past queries-- if I mis-searched and this is already buried in the
> archives I apologize. I recently bought a used ic-706mkiig. Works great
> as far as I can tell, have made contacts on 40m, 2m/440 so far after
> getting everything set up, just using hand mike and manually tuning
> etc. Would like to use ham radio deluxe for digital modes as well as
> for tying the rig into the logbook software so i don't have to hand-jam
> band/freq/etc every entry.
>
> Im a new ham but my father's an old-timer so after hearing all his
> horror stories about fighting with serial ports, i figured i'd just buy
> a rigblaster pnp to try and reduce headaches. maybe it will, maybe it
> won't. Went by HRO and got that and an adapter cable that goes from the
> PnP to the 13 pin DIN on the back of the rig (this was with guidance
> from an HRO smartguy). Today I finally hooked it all up and its not
> quite there. I went into the settings and verified the CIV ID (58H),
> set the CIV baud rate from Auto to 19200 (tried 9600/4800 later), and
> went through all the other Rigblaster and HRD recommended settings.
> Plugged PnP into PC and it was detected, new com port (COM4), driver's
> all happy-looking. Baud rate is 19200 (or others as i tried them), 8N1
> no flow control.
>
> In HRD i just set port and baud rate, left CIV ID as 58, and left DTR
> and RTS options unchecked.
>
> When I hooked it all up it quickly keyed the transmitter a couple of
> times ... seemed reasonable to me. But when i hit Connect in HRD, it
> times out when trying to read the frequency. Have tried all kinds of
> stuff-- rebooted PC, switched baud rates (after which I hook/unhook
> serial port and pwr cycle radio to be sure). nada. Always hangs at the
> "Reading Frequency" bit and eventually fails.
>
> I'm open to any suggestions including "hey stupid dont use that

> rigblaster thing" or "ic706 is a good mobile rig but ain't so great with
> computer control" etc etc.
>
> This is my base station until I move into a new place at which point
> it'll move to my truck and probably get a K3, so .. if I can't make this
> work its not the end of the world.
>
> Any tips?
>
> thanks!
> Matt
> nm6w
>

# 18266. Re: IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 14:29:33 UTC
From: Alan Bentley
Topic: 18261  Message: 18266

I use the SignaLink USB with my 706MKIIg and HRD. I, too, had trouble getting the CI-V interface to cause the transmitter to transmit. EVERYTHING worked fine, tuning, etc., except for commanding the TX via the HRD software. Teech support at Tigertronics solved it all for me. All I had to change was the Initial Set Mode Item 29 data socket speed (page 54 of the manual) from it¹s default of 9600 to 1200 and it worked.

Hope this helps

Al - K2RXD

[Non-text portions of this message have been removed]

# 18267. Re: [ic706] Re:IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 20:58:39 UTC
From: Matt NM6W
Topic: 18261  Message: 18267

Thank you all for the responses, I really appreciate it..

I currently have the "Rig Control" jack on the rig blaster plugged into the rig's CI/V port. Their manual says it should be fine for TTL lvl CI/V control. I did make some more discoveries last night.

I was an idiot and thought that the ACC jack (13 pin DIN) was used for rig control. Oops. Also, the 706 expects a mono plug for CI/V, i had been using a stereo<>stereo cable. I found a stereo->mono tee adapter in a drawer and when i use that on the icom side, I can run DXLab's commander and can see the freqs and tune from the software just fine.. But HRD still will just not connect at all-- whether or not i check DTS/RTS boxes, set initial set mode item 29 to 1200 or 9600, etc etc. uninstalled/reinstalled etc etc, same story.

I think my next steps are calling West Mountain Radio tomorrow, or looking on the HRD forums, since it is working fine for me w/DXLabs' stuff. I'd wanted to use DM780 in HRD but winwarbler works fine from DXLabs so maybe i'll just pitch HRD..

thanks again, 73
Matt
NM6W

On 10/10/2010 3:50 AM, Rhys Griffiths wrote:
>
> What have you got plugged into the radio's CI/V port? I use a
> Signalink with the Icom CT-17 running to a serial port card in my PC
> and it works great.
>
> Rhys
> GW0DIV
>
> Sent from my iPhone
>
>

[Non-text portions of this message have been removed]

# 18268. Re:IC-706MKIIG, Rigblaster PnP and Ham Radio Deluxe

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-10 23:39:55 UTC
From: pfftdives
Topic: 18261  Message: 18268

Problem solved with a $3.00 radio shack 1/8" stereo F to mono M adapter. Not sure why DXLabs stuff worked ok with my funny Tee connector but not too concerned.

HRD's quite happy now, woo hoo.

Now to back out all the various tweaks I'd made to try and make it work.

-matt
--- In ic706@yahoogroups.com, Matt NM6W <nm6w@...> wrote:
>
> Thank you all for the responses, I really appreciate it..
>
> I currently have the "Rig Control" jack on the rig blaster plugged into
> the rig's CI/V port. Their manual says it should be fine for TTL lvl
> CI/V control. I did make some more discoveries last night.
>
> I was an idiot and thought that the ACC jack (13 pin DIN) was used for
> rig control. Oops. Also, the 706 expects a mono plug for CI/V, i had
> been using a stereo<>stereo cable. I found a stereo->mono tee adapter in
> a drawer and when i use that on the icom side, I can run DXLab's
> commander and can see the freqs and tune from the software just fine..
> But HRD still will just not connect at all-- whether or not i check
> DTS/RTS boxes, set initial set mode item 29 to 1200 or 9600, etc etc.
> uninstalled/reinstalled etc etc, same story.
>
> I think my next steps are calling West Mountain Radio tomorrow, or
> looking on the HRD forums, since it is working fine for me w/DXLabs'
> stuff. I'd wanted to use DM780 in HRD but winwarbler works fine from
> DXLabs so maybe i'll just pitch HRD..
>
> thanks again, 73
> Matt
> NM6W
>
> On 10/10/2010 3:50 AM, Rhys Griffiths wrote:
> >
> > What have you got plugged into the radio's CI/V port? I use a
> > Signalink with the Icom CT-17 running to a serial port card in my PC
> > and it works great.
> >
> > Rhys
> > GW0DIV
> >
> > Sent from my iPhone
> >
> >

>
>
>
> [Non-text portions of this message have been removed]
>

# 18269. Fw: Re: [ic706] CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-11 02:32:06 UTC
From: Dihan Angelo
Topic: 18269  Message: 18269

Dihan Angelo De Silva

facebook.com/dihanangelo

--- On Tue, 5/10/10, Dihan Angelo <dihanangelo@...> wrote:

From: Dihan Angelo <dihanangelo@...>
Subject: Re: [ic706] CW Filter
To: ic706@yahoogroups.com
Date: Tuesday, 5 October, 2010, 18:48

hi friends... im new to ham radio and i would like to know the performance difference between FL-103 and FL-223. which one should i use for which specific requirement?

Dihan Angelo De Silva

facebook.com/dihanangelo

--- On Tue, 5/10/10, Brock Winfrey <ae4gm2003@...> wrote:

From: Brock Winfrey <ae4gm2003@...>
Subject: [ic706] CW Filter
To: ic706@yahoogroups.com
Date: Tuesday, 5 October, 2010, 14:25

I just got an IC706.  I do mostly CW.  Should I consider getting the 500Hz or 250Hz CW filter?  On other rigs the narrower the filter the lower the volume.  Any advice?

Sincerely, Brock Winfrey

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18270. 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-15 13:59:16 UTC
From: Joe Julio
Topic: 18269  Message: 18270

Hello there,

My 706 MKII has no ALC level in all band, even on 50 ohm dummy load. The power has the follow behavior.

Radio on power position "H"

BAND(m) PWR on Dummy (W) ALC
160 60 no
80 70 no
40 85 no
30 95 no
20 100 no
17 90 no
15 80 no
12 70 no
10 50 no
6 25 no
2 10 no

Radio on power position "5"

BAND(m) PWR on Dummy (W) ALC
160 50 no
80 50 no
40 55 no
30 50 no
20 50 no
17 50 no
15 50 no
12 50 no
10 50 no
6 15 no
2 6 no

Does enyone has any tip to start on?

Thanks in advance,
73 de PY2EJ Joe

[Non-text portions of this message have been removed]

# 18271. 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-15 16:51:18 UTC
From: Mike Rodgers
Topic: 18269  Message: 18271

Ist thing check mic gain setting. Any power output on ssb?

Happy QSO'ing. Mike R

# 18272. RE: [ic706] 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-16 01:34:01 UTC
From: Joe Julio
Topic: 18269  Message: 18272

Mike,
All measurement was done in SSB with 1 KHz and 400 Hz tone into the mic with 100mv level.
The mic level was in 5.

Also CW and RTTY has the same behavior.

Joe

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@yahoo.com
Date: Fri, 15 Oct 2010 09:51:18 -0700
Subject: [ic706] 706MKII - no ALC level

Ist thing check mic gain setting. Any power output on ssb?

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18273. hi

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-16 03:56:47 UTC
From: Dihan Angelo
Topic: 9686  Message: 18273

hi friends... i`m planning to be licesensed this year. i just wanted to sort out the equipment problem beforehand. can somone explain the differences between the filters FL-103 and FL-223.

PS: i have a ic-706 service manual in PDF format. problem is sending it out

Dihan Angelo De Silva

facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 18274. Re: [ic706] 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-16 02:09:21 UTC
From: Mike Rodgers
Topic: 18269  Message: 18274

I can't be of much help but is there power out on a external watt meter? Or is there no audio getting to the pa?
What I'm getting at is it just a metering problem or deeper.

Happy QSO'ing. Mike R

On Oct 15, 2010, at 8:34 PM, Joe Julio <py2ej@...> wrote:

Mike,
All measurement was done in SSB with 1 KHz and 400 Hz tone into the mic with 100mv level.
The mic level was in 5.

Also CW and RTTY has the same behavior.

Joe

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@...
Date: Fri, 15 Oct 2010 09:51:18 -0700
Subject: [ic706] 706MKII - no ALC level

Ist thing check mic gain setting. Any power output on ssb?

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18275. Re: [ic706] 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-16 11:57:26 UTC
From: Deacon Dave
Topic: 18269  Message: 18275

Well more info would help.

ALC is used to control the power output in the radio that uses many components of varying gain. It is a negative feedback control signal that limits the power output. Put your rig in RTTY or FM mode at full power output [setting = 10] and measure the power output with an external meter and a 50 ohm dummy load.

If you have 90 to 100 watts output your radio is fine. It just does not need an ALC feedback signal to limit desired output.

ALC reduces power output. It does not increase it.

DD, W1MCE, BSEE, hammin' for 55+ years

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Friday, October 15, 2010 10:09 PM
Subject: Re: [ic706] 706MKII - no ALC level

I can't be of much help but is there power out on a external watt meter? Or is there no audio getting to the pa?
What I'm getting at is it just a metering problem or deeper.

Happy QSO'ing. Mike R

On Oct 15, 2010, at 8:34 PM, Joe Julio <py2ej@...> wrote:

Mike,
All measurement was done in SSB with 1 KHz and 400 Hz tone into the mic with 100mv level. The mic level was in 5.

Also CW and RTTY has the same behavior.

Joe

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@...
Date: Fri, 15 Oct 2010 09:51:18 -0700
Subject: [ic706] 706MKII - no ALC level

Ist thing check mic gain setting. Any power output on ssb?

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18276. RE: [ic706] 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-16 21:32:58 UTC
From: Joe Julio
Topic: 18269  Message: 18276

That is the point, ALC is a negative feedback system, and I have zero in the display when I set my power on 10, or H, for 706, and I have that table, with this result I should have no control of my output power and technically the output power should be the maximum of my final can provide, please correct me if am I wrong. I?m wandering that some thing is happening on the final or preamps.
Mike and all, I?m using external Wattmeter and Dummy load, and the same appear on my cross needle meter with 50 ohms load inside, the old MFJ949-E.

I just post this question on here just in case to see if someone have had this kind of problem, the rig still with me on mobile operation for about 15 years and so.

Anyway, any help will be welcome.

73 de PY2EJ Joe

To: ic706@yahoogroups.com
From: w1mce@...
Date: Sat, 16 Oct 2010 07:57:26 -0400
Subject: Re: [ic706] 706MKII - no ALC level

Well more info would help.

ALC is used to control the power output in the radio that uses many components of varying gain. It is a negative feedback control signal that limits the power output. Put your rig in RTTY or FM mode at full power output [setting = 10] and measure the power output with an external meter and a 50 ohm dummy load.

If you have 90 to 100 watts output your radio is fine. It just does not need an ALC feedback signal to limit desired output.

ALC reduces power output. It does not increase it.

DD, W1MCE, BSEE, hammin' for 55+ years

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Friday, October 15, 2010 10:09 PM
Subject: Re: [ic706] 706MKII - no ALC level

I can't be of much help but is there power out on a external watt meter? Or is there no audio getting to the pa?
What I'm getting at is it just a metering problem or deeper.

Happy QSO'ing. Mike R

On Oct 15, 2010, at 8:34 PM, Joe Julio <py2ej@...> wrote:

Mike,
All measurement was done in SSB with 1 KHz and 400 Hz tone into the mic with 100mv level.
The mic level was in 5.

Also CW and RTTY has the same behavior.

Joe

To: ic706@yahoogroups.com
From: mikerodgerske5gbc@...
Date: Fri, 15 Oct 2010 09:51:18 -0700
Subject: [ic706] 706MKII - no ALC level

Ist thing check mic gain setting. Any power output on ssb?

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18277. No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-17 23:12:11 UTC
From: Jan
Topic: 18277  Message: 18277

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

# 18278. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 08:54:31 UTC
From: Richard Blandford
Topic: 18277  Message: 18278

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

# 18279. Re: No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 11:26:56 UTC
From: Sam
Topic: 18277  Message: 18279

Before I would do anything else I would break your problem in half, in other words, is there power at the radio ? Take your voltmeter and check it right at the radio to see if the problem is with the vehicle wiring, or with the radio. After that then you can diagnose the vehicle or the radio further. Sounds as if you will see voltage and the problem is within the radio, but it's worth checking. Also, I would check the fuse holder on the power cable just for the heck of it. I've had the ones on my 706 and 756pro both go bad. Just my 2 cents. 73, Sam
K3SAM

--- In ic706@yahoogroups.com, "Jan" <jan@...> wrote:
>
> Hi,
>
> I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it
> because I had to do a repair job on the car.
>
> The radio worked ok when I removed it from the car. Now, it was time to put
> it back in, but it would not work. When I press the power button, nothing
> happens, I've checked all the fuses, also the one in the radio. I have
> checked the power cord and everything is ok. I have also tested the radio
> out of the car with a new battery, but with no luck. Does anyone have a
> suggestion where to start troubleshooting ?
>
> Any help will be welcomed.
>
>
>
> 73 de
>
> LA2XSA - Jan
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18280. Re: [ic706] Re: No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 12:27:58 UTC
From: Jack
Topic: 18277  Message: 18280

Clean the connections between the head and the body.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Sam" <Sam@...>
To: <ic706@yahoogroups.com>
Sent: Monday, October 18, 2010 11:26
Subject: [ic706] Re: No power

>
>
> Before I would do anything else I would break your problem in half, in
> other words, is there power at the radio ? Take your voltmeter and
> check it right at the radio to see if the problem is with the vehicle
> wiring, or with the radio. After that then you can diagnose the vehicle
> or the radio further. Sounds as if you will see voltage and the problem
> is within the radio, but it's worth checking. Also, I would check the
> fuse holder on the power cable just for the heck of it. I've had the
> ones on my 706 and 756pro both go bad. Just my 2 cents. 73, Sam
> K3SAM
>
>
> --- In ic706@yahoogroups.com, "Jan" <jan@...> wrote:
>>
>> Hi,
>>
>> I've had an ic-706mkiig in the car for approx. 6 months. I had to
> remove it
>> because I had to do a repair job on the car.
>>
>> The radio worked ok when I removed it from the car. Now, it was time
> to put
>> it back in, but it would not work. When I press the power button,
> nothing
>> happens, I've checked all the fuses, also the one in the radio. I have
>> checked the power cord and everything is ok. I have also tested the
> radio
>> out of the car with a new battery, but with no luck. Does anyone have
> a
>> suggestion where to start troubleshooting ?
>>
>> Any help will be welcomed.
>>
>>

>>
>> 73 de
>>
>> LA2XSA - Jan
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18281. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 19:46:30 UTC
From: Jan
Topic: 18277  Message: 18281

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18282. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 19:57:29 UTC
From: Mike Rodgers
Topic: 18277  Message: 18282

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@cadillacfans.com> wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a

suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18283. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 20:32:06 UTC
From: Brock Winfrey
Topic: 18277  Message: 18283

Have you put a volt meter on the pin connections that go into the IC706?

Sincerely, Brock Winfrey

--- On Mon, 10/18/10, Jan <jan@cadillacfans.com> wrote:

From: Jan <jan@...>
Subject: RE: [ic706] No power
To: ic706@yahoogroups.com
Date: Monday, October 18, 2010, 3:46 PM

Hi,

Thanks to all who have offered suggestions for my problem. I have tried them

all, but there is still no lights on the display. I have checked all fuses,

including the one inside the radio, I have checked the power cable, checked

and cleaned the pins on the display connector. Everything is OK, but still

there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of

Richard Blandford

Sent: Monday, October 18, 2010 10:55 AM

To: ic706@yahoogroups.com

Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very

small screwdriver you can compress them. I had a problem with my 706

shutting down and this seems to have cured it. Also try cleaning the

pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>

[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf

Of Jan

Sent: 17 October 2010 23:12

To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>

Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.

Checked by AVG - www.avg.com

Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18284. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 21:01:48 UTC
From: Larry J. Ford
Topic: 18277  Message: 18284

Have you checked the internal fuse?

The manual for the 706MKII says there's a 4 amp fuse in the PA section. The reference is in the "Maintenance" Section of the manual - don't know about the MKIIG manual.

Also, under the "troubleshooting" Section of the manual, for a "No Power" condition, it references checking both the "inline" fuses in the power cord, and the internal fuse.

Also, it references making sure the DC power cord/connector is installed properly.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com
Sent: Monday, October 18, 2010 3:46 PM
Subject: RE: [ic706] No power

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12

To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18285. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 21:07:19 UTC
From: Larry J. Ford
Topic: 18277  Message: 18285

Never mind, I just re-read your message, and saw that you had checked the internal fuse.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Monday, October 18, 2010 5:01 PM
Subject: Re: [ic706] No power

Have you checked the internal fuse?

The manual for the 706MKII says there's a 4 amp fuse in the PA section. The reference is in the "Maintenance" Section of the manual - don't know about the MKIIG manual.

Also, under the "troubleshooting" Section of the manual, for a "No Power" condition, it references checking both the "inline" fuses in the power cord, and the internal fuse.

Also, it references making sure the DC power cord/connector is installed properly.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com
Sent: Monday, October 18, 2010 3:46 PM
Subject: RE: [ic706] No power

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706

shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18286. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 22:10:18 UTC
From: Jan
Topic: 18277  Message: 18286

Yes, I have, and it reads 13.8V

73

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Brock Winfrey
Sent: Monday, October 18, 2010 10:32 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] No power

Have you put a volt meter on the pin connections that go into the IC706?

Sincerely, Brock Winfrey

--- On Mon, 10/18/10, Jan <jan@... <mailto:jan%40cadillacfans.com> > wrote:

From: Jan <jan@cadillacfans.com <mailto:jan%40cadillacfans.com> >
Subject: RE: [ic706] No power
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Date: Monday, October 18, 2010, 3:46 PM

Hi,

Thanks to all who have offered suggestions for my problem. I have tried them

all, but there is still no lights on the display. I have checked all fuses,

including the one inside the radio, I have checked the power cable, checked

and cleaned the pins on the display connector. Everything is OK, but still

there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com
<mailto:ic706%40yahoogroups.com> ] On Behalf Of

Richard Blandford

Sent: Monday, October 18, 2010 10:55 AM

To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>

Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very

small screwdriver you can compress them. I had a problem with my 706

shutting down and this seems to have cured it. Also try cleaning the

pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>

[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf

Of Jan

Sent: 17 October 2010 23:12

To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>

Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it

because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put

it back in, but it would not work. When I press the power button, nothing

happens, I've checked all the fuses, also the one in the radio. I have

checked the power cord and everything is ok. I have also tested the radio

out of the car with a new battery, but with no luck. Does anyone have a

suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

-----

No virus found in this message.

Checked by AVG - www.avg.com

Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18287. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 22:10:18 UTC
From: Jan
Topic: 18277  Message: 18287

Yes, Mike, there is voltage, but I don’t hear a relay clicking

73

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Monday, October 18, 2010 9:57 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@... <mailto:jan%40cadillacfans.com> > wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jan

Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18288. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 22:21:38 UTC
From: Jack
Topic: 18277  Message: 18288

bad connection or lack of control power to start with check the pins to the head to ground for voltage

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jan" <jan@...>
To: <ic706@yahoogroups.com>
Sent: Monday, October 18, 2010 22:10
Subject: RE: [ic706] No power

Yes, Mike, there is voltage, but I don’t hear a relay clicking

73

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Monday, October 18, 2010 9:57 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@...
<mailto:jan%40cadillacfans.com> > wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18289. Re:706 no power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-18 23:18:56 UTC
From: tom200is@juno.com
Topic: 18289  Message: 18289

I had a similar problem with my 706MKIIg. Drove me crazy. Relay clicking....power up...power down..up..down. Then eventually no power at all.
I tried all the things previously mentioned and then some. I finally sent it to Scott Malcom. I don't have the email anymore but he told me that the (one of) the PLL traces was corroded. It seems that ICOM has used something on their boards that can have corrosive effect on the etch. Total repair was around $50 including shipping. Works fine since.

Tom K1UWJ

_____
DEAL OF THE YEAR: 2010 Honda Civic for $1,734.09
SPECIAL REPORT: High ticket items are being auctioned for an incredible 90% off!
http://thirdpartyoffers.juno.com/TGL3141/4cbcd63267b2329a823st03duc

[Non-text portions of this message have been removed]

# 18290. Re: RE: [ic706] 706MKII - no ALC level

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 00:05:02 UTC
From: Joe Isabella
Topic: 18269  Message: 18290

So it sounds to me that your issue is no power output, not no ALC...

Joe, N3JI

Sent from Yahoo! Mail on Android
[Non-text portions of this message have been removed]

# 18291. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 00:14:24 UTC
From: Mike Rodgers
Topic: 18277  Message: 18291

If you havnt, I would check voltage on the power plug inside the radio to be sure it's getting all the way. Beyond that I don't know. You've already cleaned the remote head contacts with alcohol and a q tip. I'm not sure if you hear the relay every time but you should after it's set overnight for sure.

Happy QSO'ing. Mike R

On Oct 18, 2010, at 5:10 PM, "Jan" <jan@...> wrote:

Yes, Mike, there is voltage, but I don’t hear a relay clicking

73

LA2XSA - Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Monday, October 18, 2010 9:57 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@... <mailto:jan%40cadillacfans.com> > wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18292. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 10:22:05 UTC
From: Jan
Topic: 18277  Message: 18292

Mike, Yes I have checked the plug inside the radio, and there was voltage. I don’t hear the relay clicking at all.

73

Jan _ LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Tuesday, October 19, 2010 2:14 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

If you havnt, I would check voltage on the power plug inside the radio to be sure it's getting all the way. Beyond that I don't know. You've already cleaned the remote head contacts with alcohol and a q tip. I'm not sure if you hear the relay every time but you should after it's set overnight for sure.

Happy QSO'ing. Mike R

On Oct 18, 2010, at 5:10 PM, "Jan" <jan@... <mailto:jan%40cadillacfans.com> > wrote:

Yes, Mike, there is voltage, but I don’t hear a relay clicking

73

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Mike Rodgers
Sent: Monday, October 18, 2010 9:57 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] No power

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@cadillacfans.com <mailto:jan%40cadillacfans.com> <mailto:jan%40cadillacfans.com> > wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com
<mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very
small screwdriver you can compress them. I had a problem with my 706
shutting down and this seems to have cured it. Also try cleaning the
pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it
because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put
it back in, but it would not work. When I press the power button, nothing
happens, I've checked all the fuses, also the one in the radio. I have
checked the power cord and everything is ok. I have also tested the radio
out of the car with a new battery, but with no luck. Does anyone have a
suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18293. RE: [ic706] Re:706 no power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 10:27:36 UTC
From: Jan
Topic: 18289  Message: 18293

Tom, I have done everything I could do with my voltmeter and limited knowledge . Today I sent the radio to a repair shop.

Hope they are able to fix it

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of tom200is@...
Sent: Tuesday, October 19, 2010 1:19 AM
To: ic706@yahoogroups.com
Subject: [ic706] Re:706 no power

I had a similar problem with my 706MKIIg. Drove me crazy. Relay clicking....power up...power down..up..down. Then eventually no power at all.
I tried all the things previously mentioned and then some. I finally sent it to Scott Malcom. I don't have the email anymore but he told me that the (one of) the PLL traces was corroded. It seems that ICOM has used something on their boards that can have corrosive effect on the etch. Total repair was around $50 including shipping. Works fine since.

Tom K1UWJ

_____
DEAL OF THE YEAR: 2010 Honda Civic for $1,734.09
SPECIAL REPORT: High ticket items are being auctioned for an incredible 90% off!
http://thirdpartyoffers.juno.com/TGL3141/4cbcd63267b2329a823st03duc

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18294. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 10:27:36 UTC
From: Jan
Topic: 18277  Message: 18294

Jack, I have cleaned all the connections with DeoxIT. I have also checked for voltage on the pins, and yes, they are “live”

73

Jan – LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jack
Sent: Tuesday, October 19, 2010 12:22 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

bad connection or lack of control power to start with check the pins to the head to ground for voltage

N6UYB
Jack E. Foster
----- Original Message -----
From: "Jan" <jan@... <mailto:jan%40cadillacfans.com> >
To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Sent: Monday, October 18, 2010 22:10
Subject: RE: [ic706] No power

Yes, Mike, there is voltage, but I don’t hear a relay clicking

73

LA2XSA - Jan

From: ic706@...m <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Mike Rodgers
Sent: Monday, October 18, 2010 9:57 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] No power

You should hear a relay click when you apply power. Do you have a voltmeter that you can verify voltage? Cheap ones can be found for 10 bucks?

Happy QSO'ing. Mike R

On Oct 18, 2010, at 2:46 PM, "Jan" <jan@... <mailto:jan%40cadillacfans.com> <mailto:jan%40cadillacfans.com> > wrote:

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked

and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf
Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18295. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 10:43:17 UTC
From: Paul
Topic: 18277  Message: 18295

Hi Jan,

A similar thing happened to mine some time ago. It turned out to be IC271, a 5V regulator on the PLL board had gone. Here's a link showing the fix and some info from the service manual, hope it helps.
http://www.ukdx.org.uk/tv/706.gif

Cheers

Paul G7PUV

# 18296. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 11:12:11 UTC
From: Jan
Topic: 18277  Message: 18296

Hi Paul,

Thanks for info and link . I have just sent the radio to a repair shop, but I will forward this email to the shop.

Thank you

73

Jan – LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Paul
Sent: Tuesday, October 19, 2010 12:43 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

Hi Jan,

A similar thing happened to mine some time ago. It turned out to be
IC271, a 5V regulator on the PLL board had gone. Here's a link showing
the fix and some info from the service manual, hope it helps.
http://www.ukdx.org.uk/tv/706.gif

Cheers

Paul G7PUV

[Non-text portions of this message have been removed]

# 18297. Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 19:38:54 UTC
From: Larry J. Ford
Topic: 18297  Message: 18297

I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.

Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.

Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.

I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?

Thanks and 73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18298. Re: [ic706] Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 20:38:01 UTC
From: Joe Isabella
Topic: 18297  Message: 18298

How much drive does the AL-80 take? You could mod the amp with an attenuator after the switching relay so it takes all 100W for full drive...

Joe, N3JI

---

From: Larry J. Ford <lford@usa.net>
To: ic706@yahoogroups.com
Sent: Tue, October 19, 2010 2:38:54 PM
Subject: [ic706] Power Spike on IC-706

I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.

Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.

Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.

I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?

Thanks and 73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18299. Re: [ic706] Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 21:27:31 UTC
From: Larry J. Ford
Topic: 18297  Message: 18299

The manual for the AL-80A states that "maximum allowable drive" is 100 watts; "normal drive" for rated output (1 KW SSB) is 85 watts according to the manual.

I was observing spikes peaking well above 100 watts; I believe I read (perhaps in the Phil Salas article or elsewhere) that the output from the 706 on spikes before the ALC kicks in could reach 150 watts.

The Eimac 3-500Z tube in the AL-80A is a pretty tough tube, but even momentary spikes 50% over the maximum drive specified can't be good for the tube in the long run.

Once I get the AL-80A to the point where I replace my AL-811 with the AL-80A, then it will be driven by an IC-7200, which I've noticed appears to control those momentary power spikes better than the IC-706.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Tuesday, October 19, 2010 4:38 PM
Subject: Re: [ic706] Power Spike on IC-706

How much drive does the AL-80 take? You could mod the amp with an attenuator after the switching relay so it takes all 100W for full drive...

Joe, N3JI

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, October 19, 2010 2:38:54 PM
Subject: [ic706] Power Spike on IC-706

I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.

Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.

Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.

I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?

Thanks and 73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18300. Re: [ic706] Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 21:52:03 UTC
From: Joe Isabella
Topic: 18297  Message: 18300

I think it would do fine- I think that tube is more sensitive to too much filament V than a short spike. When I had my Henry 3K-A, I had the fils as low as I could get them, with the HV as high as I could get it (4kV). I lowered the fils V on my TL-922 as well. It was grossly high on that amp. Something like 5.8V, where it should've been more like 4.8-5V.

Joe, N3JI

Sent from my Verizon Wireless Phone

"Larry J. Ford" <lford@usa.net> wrote:

>The manual for the AL-80A states that "maximum allowable drive" is 100 watts; "normal drive" for rated output (1 KW SSB) is 85 watts according to the manual.
>
>I was observing spikes peaking well above 100 watts; I believe I read (perhaps in the Phil Salas article or elsewhere) that the output from the 706 on spikes before the ALC kicks in could reach 150 watts.
>
>The Eimac 3-500Z tube in the AL-80A is a pretty tough tube, but even momentary spikes 50% over the maximum drive specified can't be good for the tube in the long run.
>
>Once I get the AL-80A to the point where I replace my AL-811 with the AL-80A, then it will be driven by an IC-7200, which I've noticed appears to control those momentary power spikes better than the IC-706.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Tuesday, October 19, 2010 4:38 PM
> Subject: Re: [ic706] Power Spike on IC-706
>
>
>
> How much drive does the AL-80 take? You could mod the amp with an attenuator
> after the switching relay so it takes all 100W for full drive...
>
> Joe, N3JI
>
> _____
> From: Larry J. Ford <lford@usa.net>
> To: ic706@yahoogroups.com
> Sent: Tue, October 19, 2010 2:38:54 PM
> Subject: [ic706] Power Spike on IC-706
>

> I've been working on bringing an AL-80A amp back from non-use (bought from the
> estate of an SK), and the other night was using my 706MKII as the "exciter" to
> test output, etc.
>
> Got an obvious demonstration of the 706's known penchant for "leading edge"
> power spike, which I think Phil Salas and some others have written about.
>
> Even with the output RF power on the 706 dialed-down low (e.g., starting with 10
> watts) to bring the tube in the amp up slowly, the initial spike was well over
> 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.
>
> I think Phil or someone published a project kit to attenuate the output in such
> circumstances. Anyone have a link to that or a copy?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18301. Re: [ic706] Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 21:47:38 UTC
From: Deacon Dave
Topic: 18297  Message: 18301

The AL-80A and 80B use a single 3-500 tube as the power source.

I easily run 80 to 100 watts into my 80B. The 3-500 is RUGGED. In 9+ years of operation I have zero issues.

A millisecond range spike is not going to hurt it. In the GG configuration all of the input power appears in the output.

I suspect the 80A T/R relay takes more time to switch than pulse width of the 706 'spike'.

My recollection is that the spike is a non-issue with tube amplifiers. It is an issue with some solid state amplifiers.

DD

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Tuesday, October 19, 2010 3:38 PM
Subject: [ic706] Power Spike on IC-706

I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.

Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.

Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.

I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?

Thanks and 73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18302. Re: Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-19 23:23:38 UTC
From: phil_ad5x
Topic: 18297  Message: 18302

Hi Larry - I added a relay-switched attenuator between the transceiver and amp so you can leave your transceiver set for full power. So no spike since you are already at full power. The info is in the "Articles" section of my website at www.ad5x.com. This works great, and it is handy for all transceivers since you don't need to worry about cutting power back when you put any amp on line.

Phil - AD5X

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.
>
> Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.
>
> Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.
>
> I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>

# 18303. Re: [ic706] Re: Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-20 01:20:09 UTC
From: Larry J. Ford
Topic: 18297  Message: 18303

Phil,

Thanks for the reminder.

Thought I had seen that somewhere.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: phil_ad5x
To: ic706@yahoogroups.com
Sent: Tuesday, October 19, 2010 7:23 PM
Subject: [ic706] Re: Power Spike on IC-706

Hi Larry - I added a relay-switched attenuator between the transceiver and amp so you can leave your transceiver set for full power. So no spike since you are already at full power. The info is in the "Articles" section of my website at www.ad5x.com. This works great, and it is handy for all transceivers since you don't need to worry about cutting power back when you put any amp on line.

Phil - AD5X

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.
>
> Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.
>
> Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.
>
> I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18304. Re: [ic706] Re: Power Spike on IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-20 01:23:48 UTC
From: Mike Rodgers
Topic: 18297  Message: 18304

Lots of good stuff on Phil's website including a fix for instability problems on 15/17m. Take a look.

P.s. Phil, i thought so much of it I already had it saved to the home screen of my I phone. Thanks from hams everywhere

Happy QSO'ing. Mike R

On Oct 19, 2010, at 6:23 PM, "phil_ad5x" <ad5x@...> wrote:

Hi Larry - I added a relay-switched attenuator between the transceiver and amp so you can leave your transceiver set for full power. So no spike since you are already at full power. The info is in the "Articles" section of my website at www.ad5x.com. This works great, and it is handy for all transceivers since you don't need to worry about cutting power back when you put any amp on line.

Phil - AD5X

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> I've been working on bringing an AL-80A amp back from non-use (bought from the estate of an SK), and the other night was using my 706MKII as the "exciter" to test output, etc.
>
> Got an obvious demonstration of the 706's known penchant for "leading edge" power spike, which I think Phil Salas and some others have written about.
>
> Even with the output RF power on the 706 dialed-down low (e.g., starting with 10 watts) to bring the tube in the amp up slowly, the initial spike was well over 100 watts as indicated on an Ameritron AWM-30 peak-reading wattmeter.
>
> I think Phil or someone published a project kit to attenuate the output in such circumstances. Anyone have a link to that or a copy?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18305. 12v DC on speaker line 706mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-20 19:59:31 UTC
From: dansupplee
Topic: 18305  Message: 18305

my 706 has 12 volts dc on the speaker line and will smoke a speaker in seconds. After looking at the schematic I figured that it was a bad dc blocking cap after the audio amp but that was good. If I plug in a jack in the front phone jack I have 12 volts dc on it but not on the main speaker line. I assume that it is a short some were but I can't find it. Has any one run a cross this problem? Any ideas would be appreciated.
Dan

# 18306. Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-25 16:03:14 UTC
From: Larry J. Ford
Topic: 18306  Message: 18306

I have a headset that's set-up with the 8-pin ICOM Modular Mic Connector plug (i.e., for a 706) that I'd like to use with an ICOM 7200 that uses the 8-pin round ICOM mic connector.

Any easy way to rig up a conversion short of buying the MFJ-1251 "UNIVERSAL MIC CONVERSION BOX,"[1] or just wiring the leads/pins from a CAT 5/RJ-45 socket to an 8-pin round mic connector?

I'm hoping that I'm overlooking something easy and obvious.

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] http://www.mfjenterprises.com/Product.php?productid=MFJ-1251

# 18307. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-25 17:14:50 UTC
From: Mike Rodgers
Topic: 18306  Message: 18307

Larry, I'm out in the field right now but I believe icom made an adapter although it may be the wrong end. Look in back of 706 manual. Also might check heil sound.

Happy QSO'ing. Mike R

On Oct 25, 2010, at 11:03 AM, "Larry J. Ford" <lford@...> wrote:

I have a headset that's set-up with the 8-pin ICOM Modular Mic Connector plug (i.e., for a 706) that I'd like to use with an ICOM 7200 that uses the 8-pin round ICOM mic connector.

Any easy way to rig up a conversion short of buying the MFJ-1251 "UNIVERSAL MIC CONVERSION BOX,"[1] or just wiring the leads/pins from a CAT 5/RJ-45 socket to an 8-pin round mic connector?

I'm hoping that I'm overlooking something easy and obvious.

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] http://www.mfjenterprises.com/Product.php?productid=MFJ-1251

[Non-text portions of this message have been removed]

# 18308. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-26 10:01:09 UTC
From: Mike Rodgers
Topic: 18306  Message: 18308

Wow that one took 15 hours to post. Maybe I'm on moderation from when my email got hacked a while back.

Happy QSO'ing. Mike R

On Oct 25, 2010, at 12:14 PM, Mike Rodgers <mikerodgerske5gbc@...> wrote:

Larry, I'm out in the field right now but I believe icom made an adapter although it may be the wrong end. Look in back of 706 manual. Also might check heil sound.

Happy QSO'ing. Mike R

On Oct 25, 2010, at 11:03 AM, "Larry J. Ford" <lford@...> wrote:

I have a headset that's set-up with the 8-pin ICOM Modular Mic Connector plug (i.e., for a 706) that I'd like to use with an ICOM 7200 that uses the 8-pin round ICOM mic connector.

Any easy way to rig up a conversion short of buying the MFJ-1251 "UNIVERSAL MIC CONVERSION BOX,"[1] or just wiring the leads/pins from a CAT 5/RJ-45 socket to an 8-pin round mic connector?

I'm hoping that I'm overlooking something easy and obvious.

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] http://www.mfjenterprises.com/Product.php?productid=MFJ-1251

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18309. Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 01:48:17 UTC
From: Geoffrey Barnett
Topic: 18306  Message: 18309

If you are smart, And I assume that you are, Lose that worthless rj connector and wire an 8 pin connector. The rj type of connector was NEVER intended to be used in this manner. They were intended to be used for netowrk cables which are not subject to wiggling and twisting, pulling and all the other stresses which use as a headset/ Microphone cable puts on them. I have replaced the RJ on many rigs, including my own iC-706 , and I am justabout done with radios with this improper connector. Just a heads-up from someone who has had too many nightmares with thes connectors.
Geoff
de N7OAK

--
de N7OAK

[Non-text portions of this message have been removed]

# 18310. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 14:54:42 UTC
From: Larry J. Ford
Topic: 18306  Message: 18310

Are you saying to convert the 8-pin modular mic jack on the 706 to an eight pin round connector socket?

Got a picture of how that looks on the rig when done?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Geoffrey Barnett
To: ic706@yahoogroups.com
Sent: Tuesday, October 26, 2010 9:48 PM
Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

If you are smart, And I assume that you are, Lose that worthless rj connector and wire an 8 pin connector. The rj type of connector was NEVER intended to be used in this manner. They were intended to be used for netowrk cables which are not subject to wiggling and twisting, pulling and all the other stresses which use as a headset/ Microphone cable puts on them. I have replaced the RJ on many rigs, including my own iC-706 , and I am justabout done with radios with this improper connector. Just a heads-up from someone who has had too many nightmares with thes connectors.
Geoff
de N7OAK

--
de N7OAK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18311. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 15:12:16 UTC
From: Joe Isabella
Topic: 18306  Message: 18311

I'd like to see that myself....

Joe, N3JI

Sent from my Verizon Wireless Phone

"Larry J. Ford" <lford@usa.net> wrote:

>Are you saying to convert the 8-pin modular mic jack on the 706 to an eight pin round connector socket?
>
>Got a picture of how that looks on the rig when done?
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Geoffrey Barnett
> To: ic706@yahoogroups.com
> Sent: Tuesday, October 26, 2010 9:48 PM
> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector
>
>
>
> If you are smart, And I assume that you are, Lose that worthless rj
> connector and wire an 8 pin connector. The rj type of connector was NEVER
> intended to be used in this manner. They were intended to be used for
> netowrk cables which are not subject to wiggling and twisting, pulling and
> all the other stresses which use as a headset/ Microphone cable puts on
> them. I have replaced the RJ on many rigs, including my own iC-706 , and I
> am justabout done with radios with this improper connector. Just a heads-up
> from someone who has had too many nightmares with thes connectors.
> Geoff
> de N7OAK
>
> --
> de N7OAK
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]

>

# 18312. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 15:38:16 UTC
From: Geoffrey Barnett
Topic: 18306  Message: 18312

That would be the ultimate solution to a bad mic system,but, I fear that it would be a "hard" fit.
Actually, what I was refering to,is the connector on the headset to the base station rig.
Geoff
de N7OAK

On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...> wrote:

> 
> 
> Are you saying to convert the 8-pin modular mic jack on the 706 to an eight
> pin round connector socket?
> 
> Got a picture of how that looks on the rig when done?
> 
> Larry J. Ford
> KG4GPJ
> 
> ----- Original Message -----
> From: Geoffrey Barnett
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Tuesday, October 26, 2010 9:48 PM
> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> ICOM Round Mic Connector
> 
> If you are smart, And I assume that you are, Lose that worthless rj
> connector and wire an 8 pin connector. The rj type of connector was NEVER
> intended to be used in this manner. They were intended to be used for
> netowrk cables which are not subject to wiggling and twisting, pulling and
> all the other stresses which use as a headset/ Microphone cable puts on
> them. I have replaced the RJ on many rigs, including my own iC-706 , and I
> am justabout done with radios with this improper connector. Just a heads-up
> from someone who has had too many nightmares with thes connectors.
> Geoff
> de N7OAK
> 
> --
> de N7OAK
> 
> [Non-text portions of this message have been removed]
> 
> [Non-text portions of this message have been removed]
> 

>
>

--
de N7OAK

[Non-text portions of this message have been removed]

# 18313. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 19:26:28 UTC
From: Jack
Topic: 18306  Message: 18313

Heil has them already made you can order the cord it is used on the traveler series headsets and to make it easy if the base of the radio is near you you can plug it into the rj-45 jack on the back of the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Geoffrey Barnett" <mlovrr@...>
To: <ic706@yahoogroups.com>
Sent: Wednesday, October 27, 2010 15:38
Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

> That would be the ultimate solution to a bad mic system,but, I fear that
> it
> would be a "hard" fit.
> Actually, what I was refering to,is the connector on the headset to the
> base
> station rig.
> Geoff
> de N7OAK
>
> On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...> wrote:
>
>>
>>
>> Are you saying to convert the 8-pin modular mic jack on the 706 to an
>> eight
>> pin round connector socket?
>>
>> Got a picture of how that looks on the rig when done?
>>
>> Larry J. Ford
>> KG4GPJ
>>
>> ----- Original Message -----
>> From: Geoffrey Barnett
>> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
>> Sent: Tuesday, October 26, 2010 9:48 PM
>> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
>> ICOM Round Mic Connector
>>
>> If you are smart, And I assume that you are, Lose that worthless rj
>> connector and wire an 8 pin connector. The rj type of connector was NEVER

>> intended to be used in this manner. They were intended to be used for
>> netowrk cables which are not subject to wiggling and twisting, pulling
>> and
>> all the other stresses which use as a headset/ Microphone cable puts on
>> them. I have replaced the RJ on many rigs, including my own iC-706 , and
>> I
>> am justabout done with radios with this improper connector. Just a
>> heads-up
>> from someone who has had too many nightmares with thes connectors.
>> Geoff
>> de N7OAK
>>
>> --
>> de N7OAK
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
>
> --
> de N7OAK
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18314. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 19:59:50 UTC
From: Larry J. Ford
Topic: 18306  Message: 18314

That's true; I've got a Heil Traveler I'm using exactly like that with an IC-7200, which has the 8-pin round connector.

The headset I was referring to when I started this thread has an 8-pin modular connector designed to work with the 706, and I was looking for a way to use it with the 7200.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Wednesday, October 27, 2010 3:26 PM
Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Heil has them already made you can order the cord it is used on the traveler
series headsets and to make it easy if the base of the radio is near you you
can plug it into the rj-45 jack on the back of the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Geoffrey Barnett" <mlovrr@...>
To: <ic706@yahoogroups.com>
Sent: Wednesday, October 27, 2010 15:38
Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
ICOM Round Mic Connector

> That would be the ultimate solution to a bad mic system,but, I fear that
> it
> would be a "hard" fit.
> Actually, what I was refering to,is the connector on the headset to the
> base
> station rig.
> Geoff
> de N7OAK
>
> On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...> wrote:
>
>>
>>
>> Are you saying to convert the 8-pin modular mic jack on the 706 to an
>> eight
>> pin round connector socket?
>>

>> Got a picture of how that looks on the rig when done?
>>
>> Larry J. Ford
>> KG4GPJ
>>
>> ----- Original Message -----
>> From: Geoffrey Barnett
>> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
>> Sent: Tuesday, October 26, 2010 9:48 PM
>> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
>> ICOM Round Mic Connector
>>
>> If you are smart, And I assume that you are, Lose that worthless rj
>> connector and wire an 8 pin connector. The rj type of connector was NEVER
>> intended to be used in this manner. They were intended to be used for
>> netowrk cables which are not subject to wiggling and twisting, pulling
>> and
>> all the other stresses which use as a headset/ Microphone cable puts on
>> them. I have replaced the RJ on many rigs, including my own iC-706 , and
>> I
>> am justabout done with radios with this improper connector. Just a
>> heads-up
>> from someone who has had too many nightmares with thes connectors.
>> Geoff
>> de N7OAK
>>
>> --
>> de N7OAK
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
>
> --
> de N7OAK
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

[Non-text portions of this message have been removed]

# 18315. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 19:59:19 UTC
From: Mike Rodgers
Topic: 18306  Message: 18315

Jack, I think he's wanting to go the other way and use the rj45 mike
on the 8 pin radio.

Larry, it won't be pretty unless you put it in a box of some sort but
since you already have the 8 pin adapter, you could build a adapter to
do what you need and it would be easy to figure, pin to pin. You'd
need the radio end and the mic end but their might be a easier way.

Probally a cat 5 cable would be easiest and a rj45 double female.

Happy QSO'ing. Mike R

On Oct 27, 2010, at 2:26 PM, Jack <jack.mrfixit198@gmail.com> wrote:

> Heil has them already made you can order the cord it is used on the
> traveler
> series headsets and to make it easy if the base of the radio is near
> you you
> can plug it into the rj-45 jack on the back of the radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Geoffrey Barnett" <mlovrr@...>
> To: <ic706@yahoogroups.com>
> Sent: Wednesday, October 27, 2010 15:38
> Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug
> to 8-pin
> ICOM Round Mic Connector
>
> > That would be the ultimate solution to a bad mic system,but, I
> fear that
> > it
> > would be a "hard" fit.
> > Actually, what I was refering to,is the connector on the headset
> to the
> > base
> > station rig.
> > Geoff
> > de N7OAK
> >
> > On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...>
> wrote:
> >
> >>

> >>
> >> Are you saying to convert the 8-pin modular mic jack on the 706
> to an
> >> eight
> >> pin round connector socket?
> >>
> >> Got a picture of how that looks on the rig when done?
> >>
> >> Larry J. Ford
> >> KG4GPJ
> >>
> >> ----- Original Message -----
> >> From: Geoffrey Barnett
> >> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> >> Sent: Tuesday, October 26, 2010 9:48 PM
> >> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to
> 8-pin
> >> ICOM Round Mic Connector
> >>
> >> If you are smart, And I assume that you are, Lose that worthless rj
> >> connector and wire an 8 pin connector. The rj type of connector
> was NEVER
> >> intended to be used in this manner. They were intended to be used
> for
> >> netowrk cables which are not subject to wiggling and twisting,
> pulling
> >> and
> >> all the other stresses which use as a headset/ Microphone cable
> puts on
> >> them. I have replaced the RJ on many rigs, including my own
> iC-706 , and
> >> I
> >> am justabout done with radios with this improper connector. Just a
> >> heads-up
> >> from someone who has had too many nightmares with thes connectors.
> >> Geoff
> >> de N7OAK
> >>
> >> --
> >> de N7OAK
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> >
> >

> > --
> > de N7OAK
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 18316. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 16:55:36 UTC
From: Mike Rodgers
Topic: 18306  Message: 18316

I think we all knew that but laughter is the best medicine. Every body should know I'm not the best at saying what I mean. 73

Happy QSO'ing. Mike R

On Oct 27, 2010, at 10:38 AM, Geoffrey Barnett <mlovrr@...> wrote:

That would be the ultimate solution to a bad mic system,but, I fear that it
would be a "hard" fit.
Actually, what I was refering to,is the connector on the headset to the base
station rig.
Geoff
de N7OAK

On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...> wrote:

>
>
> Are you saying to convert the 8-pin modular mic jack on the 706 to an eight
> pin round connector socket?
>
> Got a picture of how that looks on the rig when done?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Geoffrey Barnett
> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> Sent: Tuesday, October 26, 2010 9:48 PM
> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> ICOM Round Mic Connector
>
> If you are smart, And I assume that you are, Lose that worthless rj
> connector and wire an 8 pin connector. The rj type of connector was NEVER
> intended to be used in this manner. They were intended to be used for
> netowrk cables which are not subject to wiggling and twisting, pulling and
> all the other stresses which use as a headset/ Microphone cable puts on
> them. I have replaced the RJ on many rigs, including my own iC-706 , and I
> am justabout done with radios with this improper connector. Just a heads-up
> from someone who has had too many nightmares with thes connectors.
> Geoff
> de N7OAK
>
> --

> de N7OAK
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
de N7OAK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18317. Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-27 20:11:44 UTC
From: Joe Isabella
Topic: 18306  Message: 18317

Then just get another 8 pin mic connector, lop the end off a good piece of Cat5, and put the mic connector on the cut end, and a double-female Cat 5 coupler on the other end. Plug the headset into the double-female coupler. I've been using my original 706 mic on my IC-820H like that for years....

Sent from my Verizon Wireless Phone

"Larry J. Ford" <lford@usa.net> wrote:

>That's true; I've got a Heil Traveler I'm using exactly like that with an IC-7200, which has the 8-pin round connector.
>
>The headset I was referring to when I started this thread has an 8-pin modular connector designed to work with the 706, and I was looking for a way to use it with the 7200.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Jack
> To: ic706@yahoogroups.com
> Sent: Wednesday, October 27, 2010 3:26 PM
> Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector
>
>
>
> Heil has them already made you can order the cord it is used on the traveler
> series headsets and to make it easy if the base of the radio is near you you
> can plug it into the rj-45 jack on the back of the radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Geoffrey Barnett" <mlovrr@gmail.com>
> To: <ic706@yahoogroups.com>
> Sent: Wednesday, October 27, 2010 15:38
> Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> ICOM Round Mic Connector
>
> > That would be the ultimate solution to a bad mic system,but, I fear that
> > it
> > would be a "hard" fit.
> > Actually, what I was refering to,is the connector on the headset to the
> > base

> > station rig.
> > Geoff
> > de N7OAK
> >
> > On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@usa.net> wrote:
> >
> >>
> >>
> >> Are you saying to convert the 8-pin modular mic jack on the 706 to an
> >> eight
> >> pin round connector socket?
> >>
> >> Got a picture of how that looks on the rig when done?
> >>
> >> Larry J. Ford
> >> KG4GPJ
> >>
> >> ----- Original Message -----
> >> From: Geoffrey Barnett
> >> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> >> Sent: Tuesday, October 26, 2010 9:48 PM
> >> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> >> ICOM Round Mic Connector
> >>
> >> If you are smart, And I assume that you are, Lose that worthless rj
> >> connector and wire an 8 pin connector. The rj type of connector was NEVER
> >> intended to be used in this manner. They were intended to be used for
> >> netowrk cables which are not subject to wiggling and twisting, pulling
> >> and
> >> all the other stresses which use as a headset/ Microphone cable puts on
> >> them. I have replaced the RJ on many rigs, including my own iC-706 , and
> >> I
> >> am justabout done with radios with this improper connector. Just a
> >> heads-up
> >> from someone who has had too many nightmares with thes connectors.
> >> Geoff
> >> de N7OAK
> >>
> >> --
> >> de N7OAK
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> >
> >

> > --
> > de N7OAK
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18318. Re: Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 14:30:43 UTC
From: EdwinB
Topic: 18306  Message: 18318

One caveat to this solution is to make sure you are using a reversing coupler. I have examples of both reversing and non-reversing in my adapter drawer.

Regards,
Ed

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> Then just get another 8 pin mic connector, lop the end off a good piece of Cat5, and put the mic connector on the cut end, and a double-female Cat 5 coupler on the other end. Plug the headset into the double-female coupler. I've been using my original 706 mic on my IC-820H like that for years....
>
> Sent from my Verizon Wireless Phone
>
> "Larry J. Ford" <lford@...> wrote:
>
> >That's true; I've got a Heil Traveler I'm using exactly like that with an IC-7200, which has the 8-pin round connector.
> >
> >The headset I was referring to when I started this thread has an 8-pin modular connector designed to work with the 706, and I was looking for a way to use it with the 7200.
> >
> >Larry J. Ford
> >KG4GPJ
> > ----- Original Message -----
> > From: Jack
> > To: ic706@yahoogroups.com
> > Sent: Wednesday, October 27, 2010 3:26 PM
> > Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin ICOM Round Mic Connector
> >
> >
> >
> > Heil has them already made you can order the cord it is used on the traveler
> > series headsets and to make it easy if the base of the radio is near you you
> > can plug it into the rj-45 jack on the back of the radio.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "Geoffrey Barnett" <mlovrr@...>
> > To: <ic706@...m>
> > Sent: Wednesday, October 27, 2010 15:38

> > Subject: Re: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> > ICOM Round Mic Connector
> >
> > > That would be the ultimate solution to a bad mic system,but, I fear that
> > > it
> > > would be a "hard" fit.
> > > Actually, what I was refering to,is the connector on the headset to the
> > > base
> > > station rig.
> > > Geoff
> > > de N7OAK
> > >
> > > On Wed, Oct 27, 2010 at 2:54 PM, Larry J. Ford <lford@...> wrote:
> > >
> > >>
> > >> Are you saying to convert the 8-pin modular mic jack on the 706 to an
> > >> eight
> > >> pin round connector socket?
> > >>
> > >> Got a picture of how that looks on the rig when done?
> > >>
> > >> Larry J. Ford
> > >> KG4GPJ
> > >>
> > >> ----- Original Message -----
> > >> From: Geoffrey Barnett
> > >> To: ic706@yahoogroups.com <ic706%40yahoogroups.com>
> > >> Sent: Tuesday, October 26, 2010 9:48 PM
> > >> Subject: [ic706] Convert 8-pin ICOM Modular Mic Connector plug to 8-pin
> > >> ICOM Round Mic Connector
> > >>
> > >> If you are smart, And I assume that you are, Lose that worthless rj
> > >> connector and wire an 8 pin connector. The rj type of connector was NEVER
> > >> intended to be used in this manner. They were intended to be used for
> > >> netowrk cables which are not subject to wiggling and twisting, pulling
> > >> and
> > >> all the other stresses which use as a headset/ Microphone cable puts on
> > >> them. I have replaced the RJ on many rigs, including my own iC-706 , and
> > >> I
> > >> am justabout done with radios with this improper connector. Just a
> > >> heads-up
> > >> from someone who has had too many nightmares with thes connectors.
> > >> Geoff
> > >> de N7OAK
> > >>
> > >> --
> > >> de N7OAK
> > >>
> > >> [Non-text portions of this message have been removed]

> > >>
> > >> [Non-text portions of this message have been removed]
> > >>
> > >>
> > >>
> > >
> > >
> > >
> > > --
> > > de N7OAK
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
> >
> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
>

# 18319. PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 17:55:15 UTC
From: m6jjk
Topic: 18319  Message: 18319

hi to all in the group

i have now been licenced for just over a year and had a lot of fun in that period. i am still using the IC 706 and havent had any problems with it.

i have decided to have a go with PSK3 and other data modes and thought that a nice christmas present from the yl would be this data cable. not the most expensive of presents but im sure it will get a good lot of use once i feel my around it all.

i was just wondering what your opinions are of the IC706 in data mode.

not much of a question i know but if i have as much fun with it as i have had on the normal ssb modes with the mic, im gonna be very happy.
hopefully some of you will give it lots of praise ?

73's
Cliff
M6JJK

# 18320. Re: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 18:01:27 UTC
From: Joe Isabella
Topic: 18319  Message: 18320

I've used mine with a homebrew interface many times on PSK31- works very well. Just make sure yoh run the power down to about 30W, and probably no more than 50W for short transmissions. The rig will get quite hot otherwise.

If you have any specific questions, feel free to ask- that's what we're here for. You can also search in here as well. Enjoy & welcome to Amateur Radio...

Joe, N3JI

Sent from Yahoo! Mail on Android Samsung Galaxy Tab
[Non-text portions of this message have been removed]

# 18321. RE: EXTERNAL: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 18:04:46 UTC
From: Lefczik, Larry D
Topic: 18319  Message: 18321

Being an old fashion Ham, I would suggest making your own interface cables for psk and other data modes. It is easy and educational. If you want to start playing with psk now, forget the cables and just acoustically couple between the speaker and mic of the computer and radio. It works just fine, I know.

If you want to have fun someday without the radio, get 2 computers in a room running a data program and have them talk to each other "through the air" from computer speaker to computer mic.

Welcome to the hobby.
73 NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of m6jjk
Sent: Thursday, October 28, 2010 1:55 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] PSK/Data Modes

hi to all in the group

i have now been licenced for just over a year and had a lot of fun in that period. i am still using the IC 706 and havent had any problems with it.

i have decided to have a go with PSK3 and other data modes and thought that a nice christmas present from the yl would be this data cable. not the most expensive of presents but im sure it will get a good lot of use once i feel my around it all.

i was just wondering what your opinions are of the IC706 in data mode.

not much of a question i know but if i have as much fun with it as i have had on the normal ssb modes with the mic, im gonna be very happy.
hopefully some of you will give it lots of praise ?

73's
Cliff
M6JJK

---

Yahoo! Groups Links

# 18322. Re: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 18:11:40 UTC
From: Matt NM6W
Topic: 18319  Message: 18322

Cliff,

I'm somewhat of a beginner with amateur digital modes too -- but here's my experience with the IC-706. I got my license a couple of months ago but do have a lot of RF/comms/computing experience from my day job..

It's my first radio. I picked it up used, and went out and bought a Rigblaster PNP with the right cables for the Icom radio. So the rigblaster plugs into the ACC jack as well as into the rig control jack (mono plug on the radio side I think). Rigblaster also connects to my laptop via USB, and mic/spkr audio jacks.

I was up and running with PSK31 on 20m (once i got my antenna/tuning/other issues worked out) in about an hour of playing with audio settings on my computer, and with getting Ham Radio Deluxe and DM780 to talk to the rig. I got pretty stymied at first by thinking that rig control was through the ACC connector-- I hadn't had rig control connected at all (dummy) but that was pretty easy to get fixed.

I set xmit audio to about 60% and did just fine. Have been worried about "splattering" like you see sometimes but have had reports of very good, clean signal.

The only issue I have is occasional trouble picking out weaker signals in the waterfall. It's been suggested to me to get the IC-706 CW filter, and tell the Radio it's an SSB filter (so you can use it in SSB for PSK31) .. but I just live with getting what i get without it as I hate to spend over $100 for that. I have zero to compare this radio to so I would NOT say its a sensitivity or filtering issue-- it just is what it is.

For my first radio I am tickled pink. It has been SO easy to get PSK31/63/125, Olivia, RTTY (AFSK) contacts that I haven't done enough phone and haven't started learning CW yet. I love this thing for digital modes. Got my first Japan and first RTTY contact a couple of weekends ago during the JARTS contest. Super cool :)

Hope this helps. If I can help out let me know.

73,
Matt Wilbur
NM6W (S79RC Oct31-Nov8)

On 10/28/2010 10:55 AM, m6jjk wrote:
>
> hi to all in the group
>
> i have now been licenced for just over a year and had a lot of fun in

> that period. i am still using the IC 706 and havent had any problems
> with it.
>
> i have decided to have a go with PSK3 and other data modes and thought
> that a nice christmas present from the yl would be this data cable.
> not the most expensive of presents but im sure it will get a good lot
> of use once i feel my around it all.
>
> i was just wondering what your opinions are of the IC706 in data mode.
>
> not much of a question i know but if i have as much fun with it as i
> have had on the normal ssb modes with the mic, im gonna be very happy.
> hopefully some of you will give it lots of praise ?
>
> 73's
> Cliff
> M6JJK
>
>

[Non-text portions of this message have been removed]

# 18323. Re: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 18:12:13 UTC
From: Jeff Moore
Topic: 18319  Message: 18323

I've used my 706 with a SignaLink USB to work just about all of the data modes that were available at the time (2 years ago). Works Fine - Lasts Long Time! :-)

Serously, once the radio, interface, computer, software combination is working, it's all about the antenna.

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: m6jjk

hi to all in the group

i have now been licenced for just over a year and had a lot of fun in that period. i am still using the IC 706 and havent had any problems with it.

i have decided to have a go with PSK3 and other data modes and thought that a nice christmas present from the yl would be this data cable. not the most expensive of presents but im sure it will get a good lot of use once i feel my around it all.

i was just wondering what your opinions are of the IC706 in data mode.

not much of a question i know but if i have as much fun with it as i have had on the normal ssb modes with the mic, im gonna be very happy.
hopefully some of you will give it lots of praise ?

73's
Cliff
M6JJK

[Non-text portions of this message have been removed]

# 18324. Re: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 19:21:06 UTC
From: Robert Sheskin
Topic: 18319  Message: 18324

I have been using mine for many months for digital, I have run SSTV at full power on 90 second plus keydowns and my radio just gets a little warm. I have a small computer case fan sitting behind my radio, against the heat sink, blowing away from it. I have always run it that way, you can pull the power from the acc connector so it comes on with the radio power. For radio connection nothing is easier than the SignaLink. If you use the windows sound card you will wind up transmitting windows sounds. If you also want CAT control be careful, I have a ebay special usb adapter with a Prolific chip and it does not play well with some of the software although I have figured my own work arounds. 73, Bob N3PPH On 10/28/2010 2:01 PM, Joe Isabella wrote: > >
I've used mine with a homebrew interface many times on PSK31- works > very well. Just make sure yoh run the power down to about 30W, and > probably no more than 50W for short transmissions. The rig will get > quite hot otherwise.
>
If you have any specific questions, feel free to ask- that's what > we're here for. You can also search in here as well. Enjoy & > welcome to Amateur Radio...
>
Joe, N3JI
>
Sent from Yahoo! Mail on Android Samsung Galaxy Tab
> > [Non-text portions of this message have been removed] > > [Non-text portions of this message have been removed]

# 18325. RE: [ic706] PSK/Data Modes

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-28 22:08:52 UTC
From: Barry
Topic: 18319  Message: 18325

Hello Cliff, I used my 706 11G for PSK etc running at 30W, it got hot and I had a fan blowing on it.
After a couple of years I did get trouble with overheating; some damage was done to the main board.

I like the 70611G but I no longer use it for data modes.
Good luck,
Barry M0IOW

> hi to all in the group
>
> i have now been licenced for just over a year and had a lot of fun in
> that period. i am still using the IC 706 and havent had any problems
> with it.
>
> i have decided to have a go with PSK3 and other data modes and thought
> that a nice christmas present from the yl would be this data cable. not
> the most expensive of presents but im sure it will get a good lot of
> use once i feel my around it all.
>
> i was just wondering what your opinions are of the IC706 in data mode.
>
> not much of a question i know but if i have as much fun with it as i
> have had on the normal ssb modes with the mic, im gonna be very happy.
> hopefully some of you will give it lots of praise ?
>
> 73's
> Cliff
> M6JJK

# 18326. Icom IC-746, IC-706 Mk II G, and other Icom FS

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-29 14:13:48 UTC
From: Ken Simpson, W8EK
Topic: 18326  Message: 18326

Icom items For Sale:

Icom IC-746, 160 thru 2 meter transceiver

The Icom IC-746 covers 160-10 meters plus 6 and 2 meters. 100 Watts of output is available on all bands - HF, 50 MHz and 144 MHz, making the IC-746 a practical choice for all-around base station use. The die-cast aluminum chassis and a large cooling fan help to stabilize the PA circuit, providing 100% full duty cycle operation. It has 100 alphanumeric memories, spectrum display, Twin PBT, CTCSS encode / decode, APF, two stage preamp, keypad entry, automatic antenna tuner and electronic keyer. DSP digitally transposes receive audio components in all modes of operation to produce desired AF frequency characteristics at the IF stage of the transceiver. This built-in DSP provides: noise reduction, automatic notch filter and selectable APF. The digital bar graph meter displays ALC, power output and SWR simultaneously! The radio automatically selects from the three separate antenna inputs (HF, 6 meters, 2 meters). A built-in automatic antenna tuner operates on the HF bands plus 6 meters. The rear panel has three antenna jacks. The 746 requires 12 VDC at 20 amps.

Features include Spectrum Scope, 102 Memories, RIT/XIT, Noise Blanker, VOX Function, Selectable APF, Dual Display, 100 Watt Output, 40 Watt Output (AM), Built-in Automatic Antenna Tuner 180-6 Meters, Full Break-In CW, CW Keyer, 100% Duty Cycle, Rx Antenna Jack, DSP Notch, 1 Hz Readout, Memory Keyer, RF Attenuator, and much more.

This particular unit works 100% as best I can tell. It looks very close to new, and is in its original box, with paper work for $750.

Icom IC-706 Mk II G 160 thru 2 meter transceiver:

The '706' Series represents one of the most popular transceivers in amateur radio histroy. The latest version is the incredibly small Icom IC-706 Mark II G which adds many new features and capabilities not found in previous versions. The "G" is an all-mode transceiver that provides 100 watts on HF and 6 meters and 50 watts on 2 meters plus 20 watts on 440 MHz. It receives from 30 kHz to 199 MHz and from 400 to 470 MHz. It features a removable, remoteable, front panel that allows control of all features. The large LCD display features alphanumeric memory names (9 character) and soft key descriptions. The LCD even

supports a simple band scope display. Other advanced features include: IF Shift, RIT, Tone Squelch, Scanning, Noise Blanker, Speech Compressor, Mini Spectrum Scope and Electronic Keyer. This latest version in the 706 series includes the UT-106 DSP module as a standard feature. Despite its compact size (6.56" x 2.28" x 7.88"), it has big, easy to use control dials. With HM-103 hand mic. One or two optional filters may be added.

Features
* .03-199, 400-470 MHz Receive
* Alpha memories
* RIT
* Preamp/ATT
* VFO A/B
* 1 Hz Display
* IF Shift
* Scanning
* S/RF Meter
* 100 Watts HF+6M
* 50 Watts 2M, 20 Watts 440
* 100 Memories
* All band Multimode
* Removable head
* Mini Spectrum Scope
* Electronic Keyer

This one works 100% as best I can determine. It looks extremely nice. Microphone and paper work are included for $650.

Icom MB-62 Mobile Mounting Bracket
The MB-62 is the mobile mounting bracket that is used for the Icom 706 series, IC-703, and for the AT-180. $20

Ameritron ARB-704 Linear Amplifier Keying Interface

The ARB-704 advanced interface is compatible with all common radios and amplifiers.

The input is designed to be compatible with any transmitter or transceiver, and the output is compatible with AC control lines or DC positive or negative amplifier control lines having up to 200 Volts peak open circuit voltage and 300 mA of operating current.

The ARB-704 has many electrical advantages over conventional relay buffer systems. The ARB-704 has no moving parts so it switches almost instantaneously.

This one is new, in its box, with everything that came with it originally, including all cables, and manual. MFJ sells them for about $60. Buy this one for $45.

Ameritron PNP-7D "Quick Connect" Cable for most Kenwood rigs
(TS-440, 950, 130, 2000, etc.) to ARB-704. New. $12

Coaxial antenna switches:

All have SO-239 connectors, and work 100%.

B & W Model CSR-5G (also known as 376)
This model will switch up to 5 antennas, grounding
all unused antennas. It has SO-239 connectors, with
the coax coming out like spokes of a wheel.
This one works 100%. With paperwork for $45.

MFJ 1702 B, 2 position
Heavy die cast housing, with a center position
to ground both antennas. Works great, and looks like
new. $22

SWR Bridges:

Both have SO-239 connectors, and cover from 3 to 150 MHz,
covering HF, 6 meters, and 2 meters, so they are ideal for the new
rigs with 6 meters and 2 meters in them.

Quement SWB-2 Dual Meter
This unit features two separate meters -- one for reading forward
power and another for reading SWR. This permits one to easily
monitor both the power going out, and the SWR on the antenna.
Works fine and looks great. With paper work for $40

Royce 2-100 Single Meter SWR Bridge / Field Strength Meter
This one works fine, and looks extremely nice. I do not see
any scratches on it, but it does have a previous owners name
on it. In its original box with original instructions. $32

Astron RS-12 A, 13.8 Volt DC Power Supply

This power supply is rated at 9 amps continuous and 12 amps ICS.
It is ideal for most 2 meter rigs, including the 50 Watt rigs.

This Astron power supply features solid-state electronic
regulation, EMI filter, fold back current limiting for protection
from excessive current and shorted output, and crowbar over-voltage
protection.

This particular supply works 100% and looks the same. I can not find
a scratch on it. With paper work for $50.

I also have many other accessories available such as
microphones, wattmeters, keyers, etc. Just too many to list
here. Please e-mail your requests.

Icom HM-70 Speaker Microphone:

The Icom HM-70 speaker mic (also known as the EX-1036)
works on the Icom 2SRA, 4SRA, Delta 1, IC-W2/X2 or any
Icom HT which uses the single 3 conductor stereo-style
1/8 inch (3.5 mm) plug.

This one is in the original box, and appears to be unused.
$25

Dead Icom Battery Packs:

Please note that all of these battery packs are dead. There
is no voltage from them. They are being sold for the purpose
of rebuilding, or to be used to build a regulator in them,
or whatever.

Batteries for Icom 2AT, 3 AT, 4 AT, 02AT, 03AT. 04AT, 24,
and others:
BP-2, looks very nice $5
BP-3, looks like it may have gotten warm, and may be slightly
deformed $4
BP-4, "Empty case" for alkalines, etc. Needs cleaning. $8
BP-5, larger pack, looks good, but has former owners call
sign scratched in case, $5
Buy all four of the above for $20.

ORIGINAL Icom operating manuals:

Please note that all of these are original Icom manuals
and are not copies. All are in very good condition.
These are original manuals only.

BC-30 Desk Charger $5
BC-35 Desk Charger $7
BP-2, BP-3, BP-4, BP-5 battery packs $3
BP-21, BP-22, BP-23, and BP-24 Batteries $3
DC-1 DC pack for IC-2 AT series HTs $4
HM-8 Hand Microphone, w/schematic $5
IC-22 S, 2 m FM transceiver $12
IC-3 PA Power supply / speaker $10
UT-16 Voice Synthesizer $5

These are original manuals only.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-mail to W8EK@... or W8EK@...
Voice Phone (352) 732-8400

_____ Information from ESET NOD32 Antivirus, version of virus signature database 5575 (20101029) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

# 18327. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-29 22:22:06 UTC
From: Jan
Topic: 18277  Message: 18327

The Group,

Here is the latest regarding my IC-706MkIIG.

I got it back from the repair shop yesterday, and now it's ready to be put back in the car. The reason for the "No Power" condition was several bad / broken solder points on the PLL board. They are repaired with new solder, and now the radio is working as it should.

Les fonetisk

Ordbok - <http://www.google.no/dictionary?source=translation&hl=no&q=&langpair=> Vis detaljert ordbokresultat

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Monday, October 18, 2010 11:02 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

Have you checked the internal fuse?

The manual for the 706MKII says there's a 4 amp fuse in the PA section. The reference is in the "Maintenance" Section of the manual - don't know about the MKIIG manual.

Also, under the "troubleshooting" Section of the manual, for a "No Power" condition, it references checking both the "inline" fuses in the power cord, and the internal fuse.

Also, it references making sure the DC power cord/connector is installed properly.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Monday, October 18, 2010 3:46 PM
Subject: RE: [ic706] No power

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18328. RE: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-29 22:35:37 UTC
From: Jan
Topic: 18277  Message: 18328

The Group,

Here is the latest regarding my IC-706MkIIG.

I got it back from the repair shop yesterday, and now it's ready to be put back in the car. The reason for the "No Power" condition was several bad / broken solder points on the PLL board. They are repaired with new solder, and now the radio is working as it should.

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Monday, October 18, 2010 11:02 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

Have you checked the internal fuse?

The manual for the 706MKII says there's a 4 amp fuse in the PA section. The reference is in the "Maintenance" Section of the manual - don't know about the MKIIG manual.

Also, under the "troubleshooting" Section of the manual, for a "No Power" condition, it references checking both the "inline" fuses in the power cord, and the internal fuse.

Also, it references making sure the DC power cord/connector is installed properly.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Monday, October 18, 2010 3:46 PM
Subject: RE: [ic706] No power

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf
Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very
small screwdriver you can compress them. I had a problem with my 706
shutting down and this seems to have cured it. Also try cleaning the
pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it
because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put
it back in, but it would not work. When I press the power button, nothing
happens, I've checked all the fuses, also the one in the radio. I have
checked the power cord and everything is ok. I have also tested the radio
out of the car with a new battery, but with no luck. Does anyone have a
suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18329. Re: [ic706] No power

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-29 22:40:52 UTC
From: Mike Rodgers
Topic: 18277  Message: 18329

Glad to hear it and I'm sure you are as well.

Happy QSO'ing. Mike R

On Oct 29, 2010, at 5:35 PM, "Jan" <jan@...> wrote:

The Group,

Here is the latest regarding my IC-706MkIIG.

I got it back from the repair shop yesterday, and now it's ready to be put back in the car. The reason for the "No Power" condition was several bad / broken solder points on the PLL board. They are repaired with new solder, and now the radio is working as it should.

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Monday, October 18, 2010 11:02 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No power

Have you checked the internal fuse?

The manual for the 706MKII says there's a 4 amp fuse in the PA section. The reference is in the "Maintenance" Section of the manual - don't know about the MKIIG manual.

Also, under the "troubleshooting" Section of the manual, for a "No Power" condition, it references checking both the "inline" fuses in the power cord, and the internal fuse.

Also, it references making sure the DC power cord/connector is installed properly.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Monday, October 18, 2010 3:46 PM
Subject: RE: [ic706] No power

Hi,
Thanks to all who have offered suggestions for my problem. I have tried them all, but there is still no lights on the display. I have checked all fuses, including the one inside the radio, I have checked the power cable, checked and cleaned the pins on the display connector. Everything is OK, but still there is no power on radio.

LA2XSA - Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Richard Blandford
Sent: Monday, October 18, 2010 10:55 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] No power

Try nipping the pins in the power plug, you will see that if you get a very small screwdriver you can compress them. I had a problem with my 706 shutting down and this seems to have cured it. Also try cleaning the pins/socket on the head unit.

Hope this helps

Richard M0RBG

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> ] On Behalf Of Jan
Sent: 17 October 2010 23:12
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Subject: [ic706] No power

Hi,

I've had an ic-706mkiig in the car for approx. 6 months. I had to remove it because I had to do a repair job on the car.

The radio worked ok when I removed it from the car. Now, it was time to put it back in, but it would not work. When I press the power button, nothing happens, I've checked all the fuses, also the one in the radio. I have checked the power cord and everything is ok. I have also tested the radio out of the car with a new battery, but with no luck. Does anyone have a suggestion where to start troubleshooting ?

Any help will be welcomed.

73 de

LA2XSA - Jan

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1136 / Virus Database: 422/3202 - Release Date: 10/17/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18330. IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 03:55:31 UTC
From: lu8ehr
Topic: 18330  Message: 18330

Hi friends !!!

I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.

May be, a bunch of You have experience with both models.

The question arise because two reasons :

-I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
-I have an oportunity to buy a '735 at a good price.

Anyway, not flame intent at all.

Very thanks in advance for your kind attention,

72, 73

LU8EHR
Hugo Daniel Blanco
Buenos Aires
Argentina

# 18331. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 12:58:13 UTC
From: Deacon Dave
Topic: 18330  Message: 18331

If I remember correctly, isn't the 735 a 30+ year old design/radio?

----- Original Message -----
From: lu8ehr
To: ic706@yahoogroups.com
Sent: Saturday, October 30, 2010 11:55 PM
Subject: [ic706] IC-706 MKII Vs. IC-735.

Hi friends !!!

I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.

May be, a bunch of You have experience with both models.

The question arise because two reasons :

-I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
-I have an oportunity to buy a '735 at a good price.

Anyway, not flame intent at all.

Very thanks in advance for your kind attention,

72, 73

LU8EHR
Hugo Daniel Blanco
Buenos Aires
Argentina

[Non-text portions of this message have been removed]

# 18332. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 13:10:25 UTC
From: Joe Isabella
Topic: 18330  Message: 18332

It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a huge improvement over both of those rigs IMHO.

And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for contest rigs...

Joe, N3JI

Sent from my Verizon Wireless Phone

Deacon Dave <w1mce@comcast.net> wrote:

>If I remember correctly, isn't the 735 a 30+ year old design/radio?
>
>
> ----- Original Message -----
> From: lu8ehr
> To: ic706@yahoogroups.com
> Sent: Saturday, October 30, 2010 11:55 PM
> Subject: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> Hi friends !!!
>
> I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
>
> May be, a bunch of You have experience with both models.
>
> The question arise because two reasons :
>
> -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> -I have an oportunity to buy a '735 at a good price.
>
> Anyway, not flame intent at all.
>
> Very thanks in advance for your kind attention,
>
> 72, 73
>
> LU8EHR

> Hugo Daniel Blanco
> Buenos Aires
> Argentina
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18333. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 14:55:50 UTC
From: Larry J. Ford
Topic: 18330  Message: 18333

Joe,

If you had to chose a rig for general HF use, would you choose the 706 or the 735?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Sunday, October 31, 2010 8:10 AM
Subject: Re: [ic706] IC-706 MKII Vs. IC-735.

It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a huge improvement over both of those rigs IMHO.

And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for contest rigs...

Joe, N3JI

Sent from my Verizon Wireless Phone

Deacon Dave <w1mce@...> wrote:

>If I remember correctly, isn't the 735 a 30+ year old design/radio?
>
>
> ----- Original Message -----
> From: lu8ehr
> To: ic706@yahoogroups.com
> Sent: Saturday, October 30, 2010 11:55 PM
> Subject: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> Hi friends !!!
>
> I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
>
> May be, a bunch of You have experience with both models.
>
> The question arise because two reasons :

>
> -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> -I have an oportunity to buy a '735 at a good price.
>
> Anyway, not flame intent at all.
>
> Very thanks in advance for your kind attention,
>
> 72, 73
>
> LU8EHR
> Hugo Daniel Blanco
> Buenos Aires
> Argentina
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18334. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 16:14:21 UTC
From: Joe Isabella
Topic: 18330  Message: 18334

Honestly, I don't recall there being much of a difference in performance between the two. In fact, the 706 has a few extra things going for it the 735 doesn't. Like 6/2m, audio DSP (that was available on the MKII, right?), etc. I don't think RF-wise, they're that different, and I mean in the IF chain. So really, It would come to price & whether or not the extra features were important.

I've used both in contests, and while they WILL work, neither holds a candle to the more modern radios, our even my 950 SDX, which I'll never get rid of. It performs on par with the more modern rigs, and was WAY ahead of its time....

Sent from my Verizon Wireless Phone

"Larry J. Ford" <lford@usa.net> wrote:

>Joe,
>
>If you had to chose a rig for general HF use, would you choose the 706 or the 735?
>
>Larry J. Ford
>KG4GPJ
>
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Sunday, October 31, 2010 8:10 AM
> Subject: Re: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a huge improvement over both of those rigs IMHO.
>
> And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for contest rigs...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless Phone
>
> Deacon Dave <w1mce@comcast.net> wrote:
>
> >If I remember correctly, isn't the 735 a 30+ year old design/radio?
> >

> >
> > ----- Original Message -----
> > From: lu8ehr
> > To: ic706@yahoogroups.com
> > Sent: Saturday, October 30, 2010 11:55 PM
> > Subject: [ic706] IC-706 MKII Vs. IC-735.
> >
> >
> >
> > Hi friends !!!
> >
> > I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
> >
> > May be, a bunch of You have experience with both models.
> >
> > The question arise because two reasons :
> >
> > -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> > -I have an oportunity to buy a '735 at a good price.
> >
> > Anyway, not flame intent at all.
> >
> > Very thanks in advance for your kind attention,
> >
> > 72, 73
> >
> > LU8EHR
> > Hugo Daniel Blanco
> > Buenos Aires
> > Argentina
> >
> >
> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18335. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-10-31 17:31:51 UTC
From: Larry J. Ford
Topic: 18330  Message: 18335

Yes, with the IC-706 MKII, there was an optional DSP "add-on," the UT-106, that added ANF and NR features. I have a 706 MKII that has that unit installed, and it works reasonably well.

I don't know if the DSP came "standard" or built-in with the IC-706MKIIG.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Sunday, October 31, 2010 11:14 AM
Subject: Re: [ic706] IC-706 MKII Vs. IC-735.

Honestly, I don't recall there being much of a difference in performance between the two. In fact, the 706 has a few extra things going for it the 735 doesn't. Like 6/2m, audio DSP (that was available on the MKII, right?), etc. I don't think RF-wise, they're that different, and I mean in the IF chain. So really, It would come to price & whether or not the extra features were important.

I've used both in contests, and while they WILL work, neither holds a candle to the more modern radios, our even my 950 SDX, which I'll never get rid of. It performs on par with the more modern rigs, and was WAY ahead of its time....

Sent from my Verizon Wireless Phone

"Larry J. Ford" <lford@...> wrote:

>Joe,
>
>If you had to chose a rig for general HF use, would you choose the 706 or the 735?
>
>Larry J. Ford
>KG4GPJ
>
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Sunday, October 31, 2010 8:10 AM
> Subject: Re: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a

huge improvement over both of those rigs IMHO.
>
> And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for contest rigs...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless Phone
>
> Deacon Dave <w1mce@...> wrote:
>
> >If I remember correctly, isn't the 735 a 30+ year old design/radio?
> >
> >
> > ----- Original Message -----
> > From: lu8ehr
> > To: ic706@yahoogroups.com
> > Sent: Saturday, October 30, 2010 11:55 PM
> > Subject: [ic706] IC-706 MKII Vs. IC-735.
> >
> >
> >
> > Hi friends !!!
> >
> > I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
> >
> > May be, a bunch of You have experience with both models.
> >
> > The question arise because two reasons :
> >
> > -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> > -I have an oportunity to buy a '735 at a good price.
> >
> > Anyway, not flame intent at all.
> >
> > Very thanks in advance for your kind attention,
> >
> > 72, 73
> >
> > LU8EHR
> > Hugo Daniel Blanco
> > Buenos Aires
> > Argentina
> >
> >
> >
> >
> >

> >[Non-text portions of this message have been removed]
> >
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18336. Transmitting issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 02:50:50 UTC
From: John
Topic: 18336  Message: 18336

My 706mkll is not longer transmitting on the receiving frequency. It transmits about 1 1/2 kc low. I have checked offset and split settings and all seem proper. Had been working properly until a few weeks ago until a net told me they were having to tune to get me in clearly. Any ideas would be appreciated. john, WA8KIW

# 18337. Re: [ic706] Transmitting issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 03:07:42 UTC
From: Jack
Topic: 18336  Message: 18337

John on HF or vhf/uhf?
on HF check the RIT it is a black button between the volume and memory knobs
IF you were on HF and it was pressed that could seperate your TX from the
RX.

N6UYB
Jack E. Foster
----- Original Message -----
From: "John" <jlevo@...>
To: <ic706@yahoogroups.com>
Sent: Monday, November 01, 2010 02:50
Subject: [ic706] Transmitting issue

> My 706mkll is not longer transmitting on the receiving frequency. It
> transmits about 1 1/2 kc low. I have checked offset and split settings
> and all seem proper. Had been working properly until a few weeks ago
> until a net told me they were having to tune to get me in clearly. Any
> ideas would be appreciated. john, WA8KIW
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18338. RE: [ic706] Transmitting issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 07:38:31 UTC
From: Peo Hansson
Topic: 18336  Message: 18338

Hello,

On HF, check RIT.
On VHF, check fm vco adjustment in service manual...
BUT start with a total reset of radio.

73 de Peo

To: ic706@yahoogroups.com
From: jlevo@...
Date: Mon, 1 Nov 2010 02:50:50 +0000
Subject: [ic706] Transmitting issue

My 706mkll is not longer transmitting on the receiving frequency. It transmits about 1 1/2 kc low. I have checked offset and split settings and all seem proper. Had been working properly until a few weeks ago until a net told me they were having to tune to get me in clearly. Any ideas would be appreciated. john, WA8KIW

[Non-text portions of this message have been removed]

# 18339. Re: Transmitting issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 12:44:12 UTC
From: John
Topic: 18336 Message: 18339

98% of my operating with this rig is on HF. It was first noticed on a daily 75 meter net
and later noticed on 6 meters.
I have checked the RIT and that is not the problem.
I have not done the total reset tho.

WA8kiw

--- In ic706@yahoogroups.com, Peo Hansson <peohansson@...> wrote:
>
> Hello,
>
> On HF, check RIT.
> On VHF, check fm vco adjustment in service manual...
> BUT start with a total reset of radio.
>
> 73 de Peo
>
> To: ic706@yahoogroups.com
> From: jlevo@...
> Date: Mon, 1 Nov 2010 02:50:50 +0000
> Subject: [ic706] Transmitting issue
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

> My 706mkll is not longer transmitting on the receiving frequency. It transmits about 1 1/2 kc low. I have checked offset and split settings and all seem proper. Had been working properly until a few weeks ago until a net told me they were having to tune to get me in clearly. Any ideas would be appreciated. john, WA8KIW
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18340. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 15:32:49 UTC
From: Mike Rodgers
Topic: 18330  Message: 18340

I would like to mention that if your looking at older icom rigs to look at the 761&781 I think I got those numbers right. They're pricey and I believe they have filters in two I. F.'s similar to the yaesu ft-1000 series. I think the 761 is a rack mount style with 200w. You can probally pick up a 735 for a song.
The 706 is a great little radio. Does anybody know how many were sold? I've been using one for several years as my only two hf rigs. A mk2 and a mk2g. I've been longing for a new bigger rig for a while and saving my money.

Back to the 735, I think there are better choices unless budget constraints are the driving factor.
Happy QSO'ing. Mike R

On Oct 31, 2010, at 9:55 AM, "Larry J. Ford" <lford@...> wrote:

Joe,

If you had to chose a rig for general HF use, would you choose the 706 or the 735?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Sunday, October 31, 2010 8:10 AM
Subject: Re: [ic706] IC-706 MKII Vs. IC-735.

It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a huge improvement over both of those rigs IMHO.

And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for contest rigs...

Joe, N3JI

Sent from my Verizon Wireless Phone

Deacon Dave <w1mce@...> wrote:

>If I remember correctly, isn't the 735 a 30+ year old design/radio?
>
>
> ----- Original Message -----
> From: lu8ehr
> To: ic706@yahoogroups.com

> Sent: Saturday, October 30, 2010 11:55 PM
> Subject: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> Hi friends !!!
>
> I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
>
> May be, a bunch of You have experience with both models.
>
> The question arise because two reasons :
>
> -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> -I have an oportunity to buy a '735 at a good price.
>
> Anyway, not flame intent at all.
>
> Very thanks in advance for your kind attention,
>
> 72, 73
>
> LU8EHR
> Hugo Daniel Blanco
> Buenos Aires
> Argentina
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18341. Re: [ic706] IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 19:00:18 UTC
From: Larry J. Ford
Topic: 18330  Message: 18341

I've read that the 706 series is the biggest selling single transceiver in amateur radio history, with sales in excess of 70,000 units.

I would have thought it would have been more units, but that's still a lot.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Monday, November 01, 2010 10:32 AM
Subject: Re: [ic706] IC-706 MKII Vs. IC-735.

I would like to mention that if your looking at older icom rigs to look at the 761&781 I think I got those numbers right. They're pricey and I believe they have filters in two I. F.'s similar to the yaesu ft-1000 series. I think the 761 is a rack mount style with 200w. You can probally pick up a 735 for a song.
The 706 is a great little radio. Does anybody know how many were sold? I've been using one for several years as my only two hf rigs. A mk2 and a mk2g. I've been longing for a new bigger rig for a while and saving my money.

Back to the 735, I think there are better choices unless budget constraints are the driving factor.
Happy QSO'ing. Mike R

On Oct 31, 2010, at 9:55 AM, "Larry J. Ford" <lford@...> wrote:

Joe,

If you had to chose a rig for general HF use, would you choose the 706 or the 735?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Sunday, October 31, 2010 8:10 AM
Subject: Re: [ic706] IC-706 MKII Vs. IC-735.

It definitely came out in the 80s, and I have used one quite a bit. While adequate, I wouldn't put it against even rigs built a few years later. There are far better choices out there especially for contest rigs. Things like 2nd & 3rd IF filtering + true IF DSP are a huge improvement over both of those rigs IMHO.

And don't get me wrong- both are good for what they were designed for (and when they were designed), and I'm not flaming. I'm just saying there are better choices out there for

contest rigs...

Joe, N3JI

Sent from my Verizon Wireless Phone

Deacon Dave <w1mce@...> wrote:

>If I remember correctly, isn't the 735 a 30+ year old design/radio?
>
>
> ----- Original Message -----
> From: lu8ehr
> To: ic706@yahoogroups.com
> Sent: Saturday, October 30, 2010 11:55 PM
> Subject: [ic706] IC-706 MKII Vs. IC-735.
>
>
>
> Hi friends !!!
>
> I'm a proud owner of a IC-706MKII ( no G ), use it only in my base station and want to know your opinion about HF perfomance of old IC-735 tcvr against it.
>
> May be, a bunch of You have experience with both models.
>
> The question arise because two reasons :
>
> -I like contests and, in this ambient, I see '706 like a litle limited performer ( dinamic range issue and the like ).
> -I have an oportunity to buy a '735 at a good price.
>
> Anyway, not flame intent at all.
>
> Very thanks in advance for your kind attention,
>
> 72, 73
>
> LU8EHR
> Hugo Daniel Blanco
> Buenos Aires
> Argentina
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18342. Re: IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 16:55:28 UTC
From: Blanco Hugo Daniel
Topic: 18330  Message: 18342

Hi friends !!!

Very thanks for your information.

Now, I must make a decision about buy or not, it's an about 500 bucks gamble ( where is that coin ?...)

By the way; DSP unit for MKII no G was an opcional and yet no selling at my date of buying tcvr ( 11-1997 ).

72, 73

LU8EHR
Hugo Daniel Blanco
Buenos Aires
Argentina

[Non-text portions of this message have been removed]

# 18343. Re: [ic706] Re: Transmitting issue

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-01 17:16:57 UTC
From: Mike Rodgers
Topic: 18336  Message: 18343

I really shouldn't comment but if it recently shifted 1.5kc then I would think something failed or changed value. A total reset is worth a try. All bands?

Happy QSO'ing. Mike R

On Nov 1, 2010, at 7:44 AM, "John" <jlevo@...> wrote:

98% of my operating with this rig is on HF. It was first noticed on a daily 75 meter net and later noticed on 6 meters.
I have checked the RIT and that is not the problem.
I have not done the total reset tho.

WA8kiw

--- In ic706@yahoogroups.com, Peo Hansson <peohansson@...> wrote:
>
> Hello,
>
> On HF, check RIT.
> On VHF, check fm vco adjustment in service manual...
> BUT start with a total reset of radio.
>
> 73 de Peo
>
> To: ic706@yahoogroups.com
> From: jlevo@...
> Date: Mon, 1 Nov 2010 02:50:50 +0000
> Subject: [ic706] Transmitting issue
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
> My 706mkll is not longer transmitting on the receiving frequency. It transmits about 1 1/2 kc low. I have checked offset and split settings and all seem proper. Had been working properly until a few weeks ago until a net told me they were having to tune to get me in clearly. Any ideas would be appreciated. john, WA8KIW
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18344. Re: IC-706 MKII Vs. IC-735.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-02 12:48:32 UTC
From: w1js
Topic: 18330  Message: 18344

You may want to take a look at the IC-735 Yahoo group before you make your decision:

http://groups.yahoo.com/group/IC-735/

I have both an IC-735 and IC-706MKIIG. I bought the IC-735 new 25 years ago. Even though it is a good little rig, the technology is old and they do suffer from some "age" issues like the original trimmer capacitors going bad and needing replacement (I just had this done on my IC-735).

I think $500 is high for a rig this old with some known issues that arrive with age. You may want to review the IC-735 group and get a feel for what issues the IC-735 has and whether the one you want to buy has had any of the same issues resolved through maintenance.

Jack
W1JS

--- In ic706@yahoogroups.com, Blanco Hugo Daniel <hugo.blanco@...> wrote:
>
> Hi friends !!!
>
> Very thanks for your information.
>
> Now, I must make a decision about buy or not, it's an about 500 bucks gamble ( where is that coin ?...)
>
> By the way; DSP unit for MKII no G was an opcional and yet no selling at my date of buying tcvr ( 11-1997 ).
>
> 72, 73
>
> LU8EHR
> Hugo Daniel Blanco
> Buenos Aires
> Argentina
>
>
>
> [Non-text portions of this message have been removed]
>

# 18345. resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-03 20:13:21 UTC
From: dansupplee
Topic: 18345  Message: 18345

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

# 18346. Re: [ic706] resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-04 12:14:16 UTC
From: Deacon Dave
Topic: 18345  Message: 18346

That will be a tricky measurement.

The polarity of the measuring instrument is a key factor. Reversing the meter will show a major change in value. due to the fact that the meter biases the semiconductor junction.

I believe from ancient posts that the final amplifier is ALWAYS connected to the power source.

DD
----- Original Message -----
From: dansupplee
To: ic706@yahoogroups.com
Sent: Wednesday, November 03, 2010 4:13 PM
Subject: [ic706] resistance between positive and ground

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

[Non-text portions of this message have been removed]

# 18347. RE: EXTERNAL: Re: [ic706] resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-04 14:16:20 UTC
From: Lefczik, Larry D
Topic: 18345  Message: 18347

If one has the rated standby current and at a rated standby voltage, one should be able to calculate the expected resistance.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
Sent: Thursday, November 04, 2010 8:14 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] resistance between positive and ground

That will be a tricky measurement.

The polarity of the measuring instrument is a key factor. Reversing the meter will show a major change in value. due to the fact that the meter biases the semiconductor junction.

I believe from ancient posts that the final amplifier is ALWAYS connected to the power source.

DD
----- Original Message -----
From: dansupplee
To: ic706@yahoogroups.com
Sent: Wednesday, November 03, 2010 4:13 PM
Subject: [ic706] resistance between positive and ground

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18348. Re: EXTERNAL: Re: [ic706] resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-04 19:16:39 UTC
From: Deacon Dave
Topic: 18345  Message: 18348

Agree. Power OFF, the impedance should exceed 13.8 Kohms.

We could ask "dansupplee" why he is asking the question. Does he have a problem? Is he just curious? Or, is concerned about power drain in a mobile while the vehicle is non operating?

----- Original Message -----
From: Lefczik, Larry D
To: ic706@yahoogroups.com
Sent: Thursday, November 04, 2010 10:16 AM
Subject: RE: EXTERNAL: Re: [ic706] resistance between positive and ground

If one has the rated standby current and at a rated standby voltage, one should be able to calculate the expected resistance.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
Sent: Thursday, November 04, 2010 8:14 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] resistance between positive and ground

That will be a tricky measurement.

The polarity of the measuring instrument is a key factor. Reversing the meter will show a major change in value. due to the fact that the meter biases the semiconductor junction.

I believe from ancient posts that the final amplifier is ALWAYS connected to the power source.

DD
----- Original Message -----
From: dansupplee
To: ic706@yahoogroups.com
Sent: Wednesday, November 03, 2010 4:13 PM
Subject: [ic706] resistance between positive and ground

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18349. Re: EXTERNAL: Re: [ic706] resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-04 21:25:51 UTC
From: Ralph Mowery
Topic: 18345  Message: 18349

With most electronic devices the rated standby current and voltage will tell little about the measured resistance.  Also it can depend on the ohm meter being used.  Many times an old analog meter such as the Simpson 260 will show differant than a digital meter.  The digital meter will not bias the diode junctions in to conduction where the Simpson may.

----- Original Message ----
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Thu, November 4, 2010 2:16:39 PM
Subject: Re: EXTERNAL: Re: [ic706] resistance between positive and ground

Agree. Power OFF,  the impedance should exceed 13.8 Kohms.

We could ask "dansupplee" why he is asking the question. Does he have a problem? Is he just curious? Or, is concerned about power drain in a mobile while the vehicle is non operating?

  ----- Original Message -----
  From: Lefczik, Larry D
  To: ic706@yahoogroups.com
  Sent: Thursday, November 04, 2010 10:16 AM
  Subject: RE: EXTERNAL: Re: [ic706] resistance between positive and ground

  If one has the rated standby current and at a rated standby voltage, one should be able to calculate the expected resistance.

  -----Original Message-----
  From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
  Sent: Thursday, November 04, 2010 8:14 AM
  To: ic706@yahoogroups.com
  Subject: EXTERNAL: Re: [ic706] resistance between positive and ground

  That will be a tricky measurement.

  The polarity of the measuring instrument is a key factor. Reversing the meter will show a major change in value. due to the fact that the meter biases the semiconductor junction.

  I believe from ancient posts that the final amplifier is ALWAYS connected to the power source.

  DD
  ----- Original Message -----
  From: dansupplee
  To: ic706@yahoogroups.com

Sent: Wednesday, November 03, 2010 4:13 PM
Subject: [ic706] resistance between positive and ground

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

[Non-text portions of this message have been removed]

# 18350. Re: EXTERNAL: Re: [ic706] resistance between positive and ground

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-04 22:35:11 UTC
From: Deacon Dave
Topic: 18345  Message: 18350

That's the point in my original response.

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Thursday, November 04, 2010 5:25 PM
Subject: Re: EXTERNAL: Re: [ic706] resistance between positive and ground

With most electronic devices the rated standby current and voltage will tell little about the measured resistance. Also it can depend on the ohm meter being used. Many times an old analog meter such as the Simpson 260 will show differant than a digital meter. The digital meter will not bias the diode junctions in to conduction where the Simpson may.

----- Original Message ----
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Thu, November 4, 2010 2:16:39 PM
Subject: Re: EXTERNAL: Re: [ic706] resistance between positive and ground

Agree. Power OFF, the impedance should exceed 13.8 Kohms.

We could ask "dansupplee" why he is asking the question. Does he have a problem? Is he just curious? Or, is concerned about power drain in a mobile while the vehicle is non operating?

----- Original Message -----
From: Lefczik, Larry D
To: ic706@yahoogroups.com
Sent: Thursday, November 04, 2010 10:16 AM
Subject: RE: EXTERNAL: Re: [ic706] resistance between positive and ground

If one has the rated standby current and at a rated standby voltage, one should be able to calculate the expected resistance.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
Sent: Thursday, November 04, 2010 8:14 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] resistance between positive and ground

That will be a tricky measurement.

The polarity of the measuring instrument is a key factor. Reversing the meter will show a major change in value. due to the fact that the meter biases the semiconductor junction.

I believe from ancient posts that the final amplifier is ALWAYS connected to the power source.

DD
----- Original Message -----
From: dansupplee
To: ic706@yahoogroups.com
Sent: Wednesday, November 03, 2010 4:13 PM
Subject: [ic706] resistance between positive and ground

can any one tell me what the resistance between positive and ground is at the power plug on there 706mk2? Dan n7nbw

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18351. Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 09:22:46 UTC
From: yellow_kite
Topic: 18351  Message: 18351

I really wish people share information on these forums quickly to avoid disasters like one I mention hereunder.

I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom New Delhi, who apparently are one of ICOM's authorized service centers in Delhi.

The radio had a minor issue that the power output was intermittent. It was in all probability a dry solder. Not willing to risk to open the radio myself, I chose to give it to "professionals" at Adino.

After several weeks of dilly dallying and avoiding us, the radio has been returned back to us in a completely messed up state. The radio was working with 100 % OK on RX and intermittent TX. All other functions were absolutely in perfectly working order. Now the radio does not even power up and is completely lost case. Mr Sarkar wanted me to leave the radio with him for an "indefinite" period.

I later found out similar horror stories from other hams who have burned their fingers at the hand of Mr Sarkar and Adino. As it turns out, they are both incapable and incompetent and also they do not have well equipped service stations that such sophisticated electronics demand.

Think twice before you buy any ICOM gear in India and think 10 times before you give it to Adino or any Delhi service center for repairs.

Rahul Kapoor
VU2YK

# 18352. RE: [ic706] Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 09:56:26 UTC
From: Peter
Topic: 18351  Message: 18352

Rahul

If they are an authorised Icom service centre it may be worth you raising the matter with Icom in any case if you feel that you have not been given good service it would be best to bring it to the attention of Icom.

Being authorised implies some sort of standard or set minimum standard by Icom, you say they are "apparently are one of ICOM's authorized service centers in Delhi" it might be best to check and see if they are??

Regards

Peter G4SST

This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secured or error-free as information could be intercepted, corrupted, lost, destroyed, received late or incomplete, or could contain viruses. The sender therefore does not accept liability for any error or omission in the contents of this message, which arises as a result of e-mail transmission.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of yellow_kite
Sent: 13 November 2010 9:23 AM
To: ic706@yahoogroups.com
Subject: [ic706] Adino- Icom Authorized Service Center in India

I really wish people share information on these forums quickly to avoid disasters like one I mention hereunder.

I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom New Delhi, who apparently are one of ICOM's authorized service centers in Delhi.

The radio had a minor issue that the power output was intermittent. It was in all probability a dry solder. Not willing to risk to open the radio myself, I chose to give it to "professionals" at Adino.

After several weeks of dilly dallying and avoiding us, the radio has been returned back to us in a completely messed up state. The radio was working with 100 % OK on RX and intermittent TX. All other functions were absolutely in perfectly working order. Now the radio does not even power up and is completely lost case. Mr Sarkar wanted me to leave the radio with him for an "indefinite" period.

I later found out similar horror stories from other hams who have burned their fingers at the hand of Mr Sarkar and Adino. As it turns out, they are both incapable and incompetent and also they do not have well equipped service stations that such sophisticated electronics demand.

Think twice before you buy any ICOM gear in India and think 10 times before you give it to Adino or any Delhi service center for repairs.

Rahul Kapoor
VU2YK

[Non-text portions of this message have been removed]

# 18353. DC voltage

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 15:19:59 UTC
From: Rakesh Kapoor
Topic: 18353  Message: 18353

How unsafe it is to run IC706MK2G on 14.85 v instead of 13.8 v? and what harm can it cause to radio if used for long time every day ????

Rakesh
U2RAK

[Non-text portions of this message have been removed]

# 18354. Re: [ic706] DC voltage

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 16:36:40 UTC
From: Joe Isabella
Topic: 18353  Message: 18354

Should be safe. I'd be a little worried running 15 or 16, but 14.8 should be okay.

Joe, N3JI

---

From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, November 13, 2010 9:19:59 AM
Subject: [ic706] DC voltage

How unsafe it is to run IC706MK2G on 14.85 v instead of 13.8 v? and what harm can it cause to radio if used for long time every day ????

Rakesh
U2RAK

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18355. Fan

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 16:55:06 UTC
From: Rakesh Kapoor
Topic: 18355  Message: 18355

This is how I have attached a small fan at the back of my 706. It keeps the radio temp. low, specially during long transmissions...

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18356. fan photos

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 17:03:32 UTC
From: Rakesh Kapoor
Topic: 18356  Message: 18356

[Non-text portions of this message have been removed]

# 18357. Re: [ic706] Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 18:13:05 UTC
From: Jack
Topic: 18351  Message: 18357

Sir,
Your comment about Icom gear is unfounded. I have had my 706 for many years with NO problems I would buy more Icom with out any hesitation at all. as for the service center there well that is a service center NOT ICOM if you have a problem with them contact ICOM and they can tell you whom to send the radio to ass well as they can then know of the problem with that center. IF they have in fact caused more harm to your radio and charged you for what they have done then contact your legal system there and see what they can do I know your laws on comerance are allot different then what it is here in the USA.

N6UYB
Jack E. Foster
----- Original Message -----
From: "yellow_kite" <yellow_kite@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 13, 2010 09:22
Subject: [ic706] Adino- Icom Authorized Service Center in India

> 
> 
> I really wish people share information on these forums quickly to avoid
> disasters like one I mention hereunder.
> 
> I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom New
> Delhi, who apparently are one of ICOM's authorized service centers in
> Delhi.
> 
> The radio had a minor issue that the power output was intermittent. It was
> in all probability a dry solder. Not willing to risk to open the radio
> myself, I chose to give it to "professionals" at Adino.
> 
> After several weeks of dilly dallying and avoiding us, the radio has been
> returned back to us in a completely messed up state. The radio was working
> with 100 % OK on RX and intermittent TX. All other functions were
> absolutely in perfectly working order. Now the radio does not even power
> up and is completely lost case. Mr Sarkar wanted me to leave the radio
> with him for an "indefinite" period.
> 
> I later found out similar horror stories from other hams who have burned
> their fingers at the hand of Mr Sarkar and Adino. As it turns out, they
> are both incapable and incompetent and also they do not have well equipped
> service stations that such sophisticated electronics demand.
> 
> Think twice before you buy any ICOM gear in India and think 10 times

> before you give it to Adino or any Delhi service center for repairs.
>
>
>
> Rahul Kapoor
> VU2YK
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18358. Re: [ic706] Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 18:38:52 UTC
From: Charles Van Eeckhout
Topic: 18351  Message: 18358

Sir,
Unless you live in New Delhi, You should keep your ''unfounded" opinions to yourself..

WD9HAE
On Nov 13, 2010, at 12:13 PM, Jack wrote:

> Sir,
> Your comment about Icom gear is unfounded. I have had my 706 for many years
> with NO problems I would buy more Icom with out any hesitation at all. as
> for the service center there well that is a service center NOT ICOM if you
> have a problem with them contact ICOM and they can tell you whom to send the
> radio to ass well as they can then know of the problem with that center.
> IF they have in fact caused more harm to your radio and charged you for what
> they have done then contact your legal system there and see what they can do
> I know your laws on comerance are allot different then what it is here in
> the USA.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "yellow_kite" <yellow_kite@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 13, 2010 09:22
> Subject: [ic706] Adino- Icom Authorized Service Center in India
>
> >
> >
> > I really wish people share information on these forums quickly to avoid
> > disasters like one I mention hereunder.
> >
> > I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom New
> > Delhi, who apparently are one of ICOM's authorized service centers in
> > Delhi.
> >
> > The radio had a minor issue that the power output was intermittent. It was
> > in all probability a dry solder. Not willing to risk to open the radio
> > myself, I chose to give it to "professionals" at Adino.
> >
> > After several weeks of dilly dallying and avoiding us, the radio has been
> > returned back to us in a completely messed up state. The radio was working
> > with 100 % OK on RX and intermittent TX. All other functions were
> > absolutely in perfectly working order. Now the radio does not even power
> > up and is completely lost case. Mr Sarkar wanted me to leave the radio
> > with him for an "indefinite" period.
> >

> > I later found out similar horror stories from other hams who have burned
> > their fingers at the hand of Mr Sarkar and Adino. As it turns out, they
> > are both incapable and incompetent and also they do not have well equipped
> > service stations that such sophisticated electronics demand.
> >
> > Think twice before you buy any ICOM gear in India and think 10 times
> > before you give it to Adino or any Delhi service center for repairs.
> >
> >
> >
> > Rahul Kapoor
> > VU2YK
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 18359. Re: [ic706] Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 19:09:41 UTC
From: Jeff Moore
Topic: 18351  Message: 18359

Why?

Jeff Moore -- KE7ACY

----- Original Message ----- From: "Charles Van Eeckhout"
<cvaneeck@...>

Sir,
Unless you live in New Delhi, You should keep your ''unfounded" opinions to
yourself..

WD9HAE
On Nov 13, 2010, at 12:13 PM, Jack wrote:

> Sir,
> Your comment about Icom gear is unfounded. I have had my 706 for many
> years
> with NO problems I would buy more Icom with out any hesitation at all. as
> for the service center there well that is a service center NOT ICOM if you
> have a problem with them contact ICOM and they can tell you whom to send
> the
> radio to ass well as they can then know of the problem with that center.
> IF they have in fact caused more harm to your radio and charged you for
> what
> they have done then contact your legal system there and see what they can
> do
> I know your laws on comerance are allot different then what it is here in
> the USA.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "yellow_kite" <yellow_kite@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 13, 2010 09:22
> Subject: [ic706] Adino- Icom Authorized Service Center in India
>
> >
> >
> > I really wish people share information on these forums quickly to avoid
> > disasters like one I mention hereunder.
> >
> > I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom
> > New
> > Delhi, who apparently are one of ICOM's authorized service centers in
> > Delhi.

> >
> > The radio had a minor issue that the power output was intermittent. It
> > was
> > in all probability a dry solder. Not willing to risk to open the radio
> > myself, I chose to give it to "professionals" at Adino.
> >
> > After several weeks of dilly dallying and avoiding us, the radio has
> > been
> > returned back to us in a completely messed up state. The radio was
> > working
> > with 100 % OK on RX and intermittent TX. All other functions were
> > absolutely in perfectly working order. Now the radio does not even power
> > up and is completely lost case. Mr Sarkar wanted me to leave the radio
> > with him for an "indefinite" period.
> >
> > I later found out similar horror stories from other hams who have burned
> > their fingers at the hand of Mr Sarkar and Adino. As it turns out, they
> > are both incapable and incompetent and also they do not have well
> > equipped
> > service stations that such sophisticated electronics demand.
> >
> > Think twice before you buy any ICOM gear in India and think 10 times
> > before you give it to Adino or any Delhi service center for repairs.
> >
> >
> >
> > Rahul Kapoor
> > VU2YK
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

# 18360. Re: [ic706] Digest Number 3016

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 20:05:14 UTC
From: hsgorden@comcast.net
Topic: 18360  Message: 18360

Send a letter to Icom in Japan and let them know of your experience and the lack of service in your country!

73's wish you luck - howard W3CQH

----- Original Message -----
From: ic706@yahoogroups.com
To: ic706@yahoogroups.com
Sent: Saturday, November 13, 2010 4:28:06 AM
Subject: [ic706] Digest Number 3016

iCOM 706 User Forum
Messages In This Digest (1 Message)

1. Adino- Icom Authorized Service Center in India From: yellow_kite
View All Topics | Create New Topic Message

1. Adino- Icom Authorized Service Center in India
Posted by: "yellow_kite" yellow_kite@...  yellow_kite
Sat Nov 13, 2010 1:22 am (PST)

I really wish people share information on these forums quickly to avoid disasters like one I mention hereunder.

I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom New Delhi, who apparently are one of ICOM's authorized service centers in Delhi.

The radio had a minor issue that the power output was intermittent. It was in all probability a dry solder. Not willing to risk to open the radio myself, I chose to give it to "professionals" at Adino.

After several weeks of dilly dallying and avoiding us, the radio has been returned back to us in a completely messed up state. The radio was working with 100 % OK on RX and intermittent TX. All other functions were absolutely in perfectly working order. Now the radio does not even power up and is completely lost case. Mr Sarkar wanted me to leave the radio with him for an "indefinite" period.

I later found out similar horror stories from other hams who have burned their fingers at the hand of Mr Sarkar and Adino. As it turns out, they are both incapable and incompetent and also they do not have well equipped service stations that such sophisticated electronics demand.

Think twice before you buy any ICOM gear in India and think 10 times before you give it to Adino or any Delhi service center for repairs.

Rahul Kapoor
VU2YK

Back to top Reply to sender | Reply to group | Reply via web post
Messages in this topic (1)

Recent Activity

•
  4
New Members

Visit Your Group

Give Back

Yahoo! for Good

Get inspired

by a good cause.

Y! Toolbar

Get it Free!

easy 1-click access

to your groups.

Yahoo! Groups

Start a group

in 3 easy steps.

Connect with others.

Need to Reply?

Click one of the "Reply" links to respond to a specific message in the Daily Digest.
Create New Topic | Visit Your Group on the Web
Messages | Files | Photos | Links
Yahoo! Groups
Change settings via the Web (Yahoo! ID required)
Change settings via email: Switch delivery to Individual | Switch format to Traditional
Visit Your Group | Yahoo! Groups Terms of Use | Unsubscribe

[Non-text portions of this message have been removed]

# 18361. Re: [ic706] DC voltage

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 20:46:46 UTC
From: "Glenn (KØBO)"
Topic: 18353  Message: 18361

Rakesh Kapoor wrote:
> How unsafe it is to run IC706MK2G on 14.85 v instead of 13.8 v? and what harm
> can it cause to radio if used for long time every day ????
>
> Rakesh
> U2RAK

Some things to note...
The caps in the radio are rated for 16v. The internal regulators will handle up to 16v but will generate more heat at higher voltage. The finals will produce more power during transmit and also more heat. I would suggest that you do the fan mod (posted in the forums here) to reduce the small extra stress placed on the radio and you should be fine.

One last thought,
Is this a mobile installation? Is there any noise on the DC voltage from the alternator? (place the volt meter into AC mode and measure) If there is AC noise on top of the DC voltage, the added amount may exceed the ratings of the component in the radio and over stress them. You may need a DC filter.

73! K0BO

# 18362. Re: [ic706] Fan

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-13 19:11:26 UTC
From: IVAN
Topic: 18355  Message: 18362

Wher you attack he fan I donot see any (¿?)
73´s Ivan EA8YG

El 13/11/2010 16:55, Rakesh Kapoor escribió:
>
> This is how I have attached a small fan at the back of my 706. It
> keeps the
> radio temp. low, specially during long transmissions...
>
> Rakesh
> vu2rak
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18363. Re: [ic706] Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 00:38:38 UTC
From: Jack
Topic: 18351  Message: 18363

Charles, I did not tell him he was wrong, But I did say I have not had problems with mine that would cause me to think twice about ICOM, Now I will say there are repair centers I would tell people straight up that they would stand a good chance of getting ripped off if they used them, There are other service centers that are great.

But in regards to speaking your mind....with your call I would say you live in the USA, Living in the USA we have the WONDERFUL freedom of Free Speech.
Are you a service man?
Have you served the USA?
Are you a Citizen of the USA?

IF you answer NO the either of the first two then thank a Service man.
IF you answer NO to the third question, Then sit down and hold your tongue till you have the right to claim it.
IF you can answer YES to ALL three then I thank you for your service.
I have done my service.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Charles Van Eeckhout" <cvaneeck@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 13, 2010 18:38
Subject: Re: [ic706] Adino- Icom Authorized Service Center in India

> Sir,
> Unless you live in New Delhi, You should keep your ''unfounded" opinions
> to yourself..
>
> WD9HAE
> On Nov 13, 2010, at 12:13 PM, Jack wrote:
>
>> Sir,
>> Your comment about Icom gear is unfounded. I have had my 706 for many
>> years
>> with NO problems I would buy more Icom with out any hesitation at all. as
>> for the service center there well that is a service center NOT ICOM if
>> you
>> have a problem with them contact ICOM and they can tell you whom to send
>> the
>> radio to ass well as they can then know of the problem with that center.
>> IF they have in fact caused more harm to your radio and charged you for
>> what
>> they have done then contact your legal system there and see what they can
>> do

>> I know your laws on comerance are allot different then what it is here in
>> the USA.
>>
>> N6UYB
>> Jack E. Foster
>> ----- Original Message -----
>> From: "yellow_kite" <yellow_kite@...>
>> To: <ic706@yahoogroups.com>
>> Sent: Saturday, November 13, 2010 09:22
>> Subject: [ic706] Adino- Icom Authorized Service Center in India
>>
>> >
>> >
>> > I really wish people share information on these forums quickly to avoid
>> > disasters like one I mention hereunder.
>> >
>> > I gave my ICOM IC706Mk2G for repair to One Mr Sarkar at Adino Telecom
>> > New
>> > Delhi, who apparently are one of ICOM's authorized service centers in
>> > Delhi.
>> >
>> > The radio had a minor issue that the power output was intermittent. It
>> > was
>> > in all probability a dry solder. Not willing to risk to open the radio
>> > myself, I chose to give it to "professionals" at Adino.
>> >
>> > After several weeks of dilly dallying and avoiding us, the radio has
>> > been
>> > returned back to us in a completely messed up state. The radio was
>> > working
>> > with 100 % OK on RX and intermittent TX. All other functions were
>> > absolutely in perfectly working order. Now the radio does not even
>> > power
>> > up and is completely lost case. Mr Sarkar wanted me to leave the radio
>> > with him for an "indefinite" period.
>> >
>> > I later found out similar horror stories from other hams who have
>> > burned
>> > their fingers at the hand of Mr Sarkar and Adino. As it turns out, they
>> > are both incapable and incompetent and also they do not have well
>> > equipped
>> > service stations that such sophisticated electronics demand.
>> >
>> > Think twice before you buy any ICOM gear in India and think 10 times
>> > before you give it to Adino or any Delhi service center for repairs.
>> >
>> >
>> >
>> > Rahul Kapoor
>> > VU2YK

>> >
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>>
>>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18364. Re: [ic706] Fan

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 00:56:58 UTC
From: Rakesh Kapoor
Topic: 18355  Message: 18364

Dear EA8YG,
I did attache 2 pictures of "attaching fan on 706"... I don,t know why they
are not shown with my email. Something went wrong!!! I will have to check this.
vu2rak

I rom: IVAN <ea8yg@...>

To: ic706@yahoogroups.com
Sent: Sun, 14 November, 2010 12:41:26 AM
Subject: Re: [ic706] Fan

Wher you attack he fan I donot see any (¿?)
73´s Ivan EA8YG

El 13/11/2010 16:55, Rakesh Kapoor escribió:
>
> This is how I have attached a small fan at the back of my 706. It
> keeps the
> radio temp. low, specially during long transmissions...
>
> Rakesh
> vu2rak
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18365. Fw: fan attaching photos

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 01:03:18 UTC
From: Rakesh Kapoor
Topic: 18365  Message: 18365

----- Forwarded Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, 13 November, 2010 10:33:32 PM
Subject: fan photos

[Non-text portions of this message have been removed]

# 18366. Re: [ic706] Fw: fan attaching photos

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 01:05:35 UTC
From: Ron K7CDL
Topic: 18365  Message: 18366

to save you time look at the group settings, the group is setup for "
Email attachments are not permitted

--- On Sat, 11/13/10, Rakesh Kapoor <vu2rak@...> wrote:

From: Rakesh Kapoor <vu2rak@...>
Subject: [ic706] Fw: fan attaching photos
To: ic706@yahoogroups.com
Date: Saturday, November 13, 2010, 5:03 PM

----- Forwarded Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, 13 November, 2010 10:33:32 PM
Subject: fan photos

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18367. Icom service

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 01:25:47 UTC
From: Rakesh Kapoor
Topic: 18367  Message: 18367

What I feel is that Icom is appointing their Delaers here in India
without checking their credibility, without testing their technical
competence....
Or is it that getting Icom dealership is easier than that of Kenwood and Yeaseu
!!!!... Surprisingly, Icom has more than one dealer in New Delhi...Is Icom
dealership/service center available "Cheaply: !!!! Are they Just giving/
throwing Dealership on first cum first service basis!!!!

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18368. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 02:15:57 UTC
From: Rakesh Kapoor
Topic: 18368  Message: 18368

After reading unpleasant, painful Icom radio repair experience of vu2yk, I have decided, if ever I import/ buy my next radio, I will think twice before I buy an Icom set.

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18369. 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 02:41:35 UTC
From: Rakesh Kapoor
Topic: 18369  Message: 18369

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18370. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 03:03:10 UTC
From: Ralph Mowery
Topic: 18369  Message: 18370

Are you sure you volt meter is accurate ?  If so The power output seems low as yuo should get about 100 watts out with 13.8 volts. Maybe wattmeter is low.

I think I would adjust the PS-55 back to 13.8 volts and use it.

----- Original Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, November 13, 2010 9:41:35 PM
Subject: [ic706] 706 and power supply.

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?,  shall I  use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

# 18371. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 03:20:50 UTC
From: Rakesh Kapoor
Topic: 18369  Message: 18371

Dear Ralph,
My multi meter is good and watt meter is SWR cum Watt Meter of Daiwa, cross-needle type and is quite accurate.

Rakesh
vu2rak

---
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Sent: Sun, 14 November, 2010 8:33:10 AM
Subject: Re: [ic706] 706 and power supply.

Are you sure you volt meter is accurate ? If so The power output seems low as yuo should get about 100 watts out with 13.8 volts. Maybe wattmeter is low.

I think I would adjust the PS-55 back to 13.8 volts and use it.

----- Original Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, November 13, 2010 9:41:35 PM
Subject: [ic706] 706 and power supply.

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18372. Re:

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 08:07:39 UTC
From: Rahul Kapoor
Topic: 18372  Message: 18372

Gentlemen,

Thanks for your replies and valuable suggestions. I must set the record straight. I haven nothing against ICOM radios. I own 5 numbers of 706Mk2Gs and they all perform flawlessly. One I have carried with me all over the world in my travels and it works every time I connect it to power and antenna. I also own at least five other ICOM radios including an IC-7000. The issue was with the particular ICOM service center in my country. If they had returned it to me in original condition, I would not have felt offended. As sometimes it is genuinely not possible to service products outside their country of manufacture. What upset me was their unprofessional attitude and conduct, which was unbecoming of the authorized representative of an electronics global major.

I hope you will understand my frustration of someone who has been a very active ham for nearly forty-five years, give a radio for service and it comes back manhandled and beyond repair. I do sincerely apologize if I hurt some sentiments, for such was never my intent. As is clear, I have tremendous respect for Icom as a manufacturer of quality ham radio equipment for several decades. But buying an expensive radio in a country where there is no back up support is fraught with hazardous consequences. To add to our woes, it takes tonnes of paperwork to ship radios out of country and another tonne when getting it back. That could be on reason hams here are wary of investing in expensive,high end radios.

73
Rahul
VU2YK

[Non-text portions of this message have been removed]

# 18373. Re: Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 08:15:39 UTC
From: yellow_kite
Topic: 18351  Message: 18373

Gentlemen,

Thanks for your replies and valuable suggestions. I must set the record straight. I haven nothing against ICOM radios. I own 5 numbers of 706Mk2Gs and they all perform flawlessly. One I have carried with me all over the world in my travels and it works every time I connect it to power and antenna. I also own at least five other ICOM radios including an IC-7000. The issue was with the particular ICOM service center in my country. If they had returned it to me in original condition, I would not have felt offended. As sometimes it is genuinely not possible to service products outside their country of manufacture. What upset me was their unprofessional attitude and conduct, which was unbecoming of the authorized representative of an electronics global major.

I hope you will understand my frustration of someone who has been a very active ham for nearly forty-five years, give a radio for service and it comes back mishandled and beyond repair. I do sincerely apologize if I hurt some sentiments, for such was never my intent. As is clear, I have tremendous respect for Icom as a manufacturer of quality ham radio equipment for several decades. But buying an expensive radio in a country where there is no back up support is fraught with hazardous consequences. To add to our woes, it takes tonnes of paperwork to ship radios out of country and another tonne when getting it back. That could be on reason hams here are wary of investing in expensive,high end radios.

73
Rahul
VU2YK

# 18374. Re: [ic706] Fw: fan attaching photos

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 01:17:48 UTC
From: Mike Rodgers
Topic: 18365  Message: 18374

Ithink you can put them in the file section

Happy QSO'ing. Mike R

On Nov 13, 2010, at 7:03 PM, Rakesh Kapoor <vu2rak@...> wrote:

----- Forwarded Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Sat, 13 November, 2010 10:33:32 PM
Subject: fan photos

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18375. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 03:50:00 UTC
From: Mike Rodgers
Topic: 18369  Message: 18375

I'm wondering how many amps is mfj?

Happy QSO'ing. Mike R

On Nov 13, 2010, at 8:41 PM, Rakesh Kapoor <vu2rak@...> wrote:

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18376. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 08:48:28 UTC
From: Rakesh Kapoor
Topic: 18369  Message: 18376

MFJ 4125 is 13.8v @ 25 A

Rakesh
vu2rak

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 9:20:00 AM
Subject: Re: [ic706] 706 and power supply.

I'm wondering how many amps is mfj?

Happy QSO'ing. Mike R

On Nov 13, 2010, at 8:41 PM, Rakesh Kapoor <vu2rak@...> wrote:

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18377. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 12:31:46 UTC
From: Mike Rodgers
Topic: 18369  Message: 18377

Iwould think that be enough to get full power if using icom cord or short cord. Did you make your checks on cw,rtty or fm?

Happy QSO'ing. Mike R

On Nov 14, 2010, at 2:48 AM, Rakesh Kapoor <vu2rak@...> wrote:

MFJ 4125 is 13.8v @ 25 A

Rakesh
vu2rak

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 9:20:00 AM
Subject: Re: [ic706] 706 and power supply.

I'm wondering how many amps is mfj?

Happy QSO'ing. Mike R

On Nov 13, 2010, at 8:41 PM, Rakesh Kapoor <vu2rak@yahoo.com> wrote:

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18378. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 12:46:49 UTC
From: Rakesh Kapoor
Topic: 18369  Message: 18378

Dear Mike,
I checked on RTTY as well CW mode. With MFJ, I get about 65-70 watts and with PS55, I get 100 watts on RTTY mode of the radio. MFJ without load is 13.60v and PS55 is 14.8v, again without load. Using the original DC cord. Will do some more testes tomorrow. I have another supply, SMPS, set for 13.8v without load, will use this one and check what power out I get from 706.

73

Rakesh
vu2rak

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 6:01:46 PM
Subject: Re: [ic706] 706 and power supply.

Iwould think that be enough to get full power if using icom cord or short cord. Did you make your checks on cw,rtty or fm?

Happy QSO'ing. Mike R

On Nov 14, 2010, at 2:48 AM, Rakesh Kapoor <vu2rak@...> wrote:

MFJ 4125 is 13.8v @ 25 A

Rakesh
vu2rak

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 9:20:00 AM
Subject: Re: [ic706] 706 and power supply.

I'm wondering how many amps is mfj?

Happy QSO'ing. Mike R

On Nov 13, 2010, at 8:41 PM, Rakesh Kapoor <vu2rak@...> wrote:

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18379. Re: Adino- Icom Authorized Service Center in India

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 13:43:04 UTC
From: Paul
Topic: 18351  Message: 18379

Re: Adino- Icom Authorized Service Center in India
> Posted by: "Jack" jack.mrfixit198@... mrfixit198_2000
> Date: Sat Nov 13, 2010 4:41 pm ((PST))
> Are you a service man?
> Have you served the USA?
> Are you a Citizen of the USA?

I've no idea where this rant is going nor do I care.

I'm always a bit uneasy about claims against individuals or companies when they aren't here to defend or counter the allegations so please continue this one off list. VU2YK, Rahul please update us once you have spoken with Icom and they have resolved the situation, until then I'd like to drop this thread.

Gents, your cooperation is appreciated on this, ta!

Paul

G7PUV
List Owner

# 18380. Flat cable

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 18:07:58 UTC
From: yo4btb
Topic: 18380  Message: 18380

Hello to all
Looking for(want to buy) FLAT CABLE inside front panel of my IC-706.
From service manual(page 5-18):
REF NO : W1
ORDER NO : 8900006040
DESCRIPTION : FLAT CABLE OPC-593(N:13,L=50)
QTY : 1
Locate between VR UNIT and DISPLAY PCB.
Head from PCB are damaged.
Thanks in advance.
YO4BTB,Virgil

# 18381. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 19:00:29 UTC
From: Mike Rodgers
Topic: 18369  Message: 18381

That will be a tough call to make. The icom may be better quality. Was it designed for 13.8 if so it may be under load.
Weall want our 100w but you may not notice much or any difference at 70. Decisions decisions.
One idea. You might find out what radio that icon supply was paired with and see if anyone has had any problems and if that's normal voltage.

Happy QSO'ing. Mike R

On Nov 14, 2010, at 6:46 AM, Rakesh Kapoor <vu2rak@...> wrote:

Dear Mike,
I checked on RTTY as well CW mode. With MFJ, I get about 65-70 watts and with PS55, I get 100 watts on RTTY mode of the radio. MFJ without load is 13.60v and PS55 is 14.8v, again without load. Using the original DC cord. Will do some more testes tomorrow. I have another supply, SMPS, set for 13.8v without load, will use this one and check what power out I get from 706.

73

Rakesh
vu2rak

---
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 6:01:46 PM
Subject: Re: [ic706] 706 and power supply.

Iwould think that be enough to get full power if using icom cord or short cord.
Did you make your checks on cw,rtty or fm?

Happy QSO'ing. Mike R

On Nov 14, 2010, at 2:48 AM, Rakesh Kapoor <vu2rak@...> wrote:

MFJ 4125 is 13.8v @ 25 A

Rakesh
vu2rak

---
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, 14 November, 2010 9:20:00 AM
Subject: Re: [ic706] 706 and power supply.

I'm wondering how many amps is mfj?

Happy QSO'ing. Mike R

On Nov 13, 2010, at 8:41 PM, Rakesh Kapoor <vu2rak@...> wrote:

I have two power supplies, one MFJ 4125 and other Icom PS-55. MFJ supply gives about 13.60v and PS55 is giving 14.8 v.....when I use my IC706mk2g with MFJ supply, which gives 13.6 v, I get near 65-70 watts output and when I use PS55, which gives 14.8v, I get 100 watts output. What shall I do!?, shall I use MFJ for safety of the set or shall I use PS55 to get near 100 watts out !!!!!!!! any suggestions ????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18382. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 19:23:23 UTC
From: Ralph Mowery
Topic: 18369  Message: 18382

The Icom supply is suspose to put out 13.8 volts as stated in the Icom manual. If his is putting out about 1 volt more than that, the voltage needs to be adjustd back down to 13.8 or the supply needs to be repaired if the voltage will not adjust.
It is designed to operate with another 100 watt output Icom rig.  The current rating is enough for the 100 watts out of the 706.

----- Original Message ----
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, November 14, 2010 2:00:29 PM
Subject: Re: [ic706] 706 and power supply.

That will be a tough call to make. The icom may be better quality. Was it designed for 13.8 if so it may be under load.

Weall want our 100w but you may not notice much or any difference at 70. Decisions decisions.

One idea. You might find out what radio that icon supply was paired with and see if anyone has had any problems and if that's normal voltage.

Happy QSO'ing.      Mike R

# 18383. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-14 20:32:43 UTC
From: Mike Rodgers
Topic: 18369  Message: 18383

Thanks Ralph. I think what I would do is adjust the icom supply to 13.8 and then check it under transmit load as well as rf power out and go from there. If your not getting 100w out under that condition then we can discuss further but if it's adjustable down to 13.8 I would start there.

Happy QSO'ing. Mike R

On Nov 14, 2010, at 1:23 PM, Ralph Mowery <ku4pt@...m> wrote:

The Icom supply is suspose to put out 13.8 volts as stated in the Icom manual.
If his is putting out about 1 volt more than that, the voltage needs to be adjustd back down to 13.8 or the supply needs to be repaired if the voltage will not adjust.
It is designed to operate with another 100 watt output Icom rig. The current rating is enough for the 100 watts out of the 706.

----- Original Message ----
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, November 14, 2010 2:00:29 PM
Subject: Re: [ic706] 706 and power supply.

That will be a tough call to make. The icom may be better quality. Was it designed for 13.8 if so it may be under load.

Weall want our 100w but you may not notice much or any difference at 70.
Decisions decisions.

One idea. You might find out what radio that icon supply was paired with and see if anyone has had any problems and if that's normal voltage.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18384. Re: [ic706] 706 and power supply.

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 02:32:08 UTC
From: Rakesh Kapoor
Topic: 18369  Message: 18384

I just checked the circuit of Icom PS 55 and found that there one variable potentiometer R9 on regulator board, I think the out put voltage of power supply can be adjusted by this pot, if need be. .But I will make a test with another new supply today.

Rakesh
vu2rak

gers <mikerodgerske5gbc@...>

To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Mon, 15 November, 2010 2:02:43 AM
Subject: Re: [ic706] 706 and power supply.

Thanks Ralph. I think what I would do is adjust the icom supply to 13.8 and then check it under transmit load as well as rf power out and go from there. If your not getting 100w out under that condition then we can discuss further but if it's adjustable down to 13.8 I would start there.

Happy QSO'ing. Mike R

On Nov 14, 2010, at 1:23 PM, Ralph Mowery <ku4pt@yahoo.com> wrote:

The Icom supply is suspose to put out 13.8 volts as stated in the Icom manual. If his is putting out about 1 volt more than that, the voltage needs to be adjustd back down to 13.8 or the supply needs to be repaired if the voltage will

not adjust.
It is designed to operate with another 100 watt output Icom rig. The current rating is enough for the 100 watts out of the 706.

----- Original Message ----
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sun, November 14, 2010 2:00:29 PM
Subject: Re: [ic706] 706 and power supply.

That will be a tough call to make. The icom may be better quality. Was it designed for 13.8 if so it may be under load.

Weall want our 100w but you may not notice much or any difference at 70. Decisions decisions.

One idea. You might find out what radio that icon supply was paired with and see

if anyone has had any problems and if that's normal voltage.

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18385. 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 15:30:13 UTC
From: Rakesh Kapoor
Topic: 18385  Message: 18385

I did some tests today again. I used 3 different power supplies with my IC706 radio. I found that with 13.60v, (MFJ-4125) radio output is 65 watts on RTTY/CW mode, with 14.05v (Meanwell SMPS) it is 100 watts and with 14.8v (PS 55) it is litttle over 100 watts. That means my MFJ-4125, which gives 13.60v, required to be adjusted to near 14.v output. I see that there are 3 variable resistors in the MFJ4125 circiut, I do not excatly know which one to adjust to get 14v output...any idea on that???

73

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18386. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 16:22:04 UTC
From: Mark Brueggemann
Topic: 18385  Message: 18386

--- On Mon, 11/15/10, Rakesh Kapoor <vu2rak@...> wrote:

> I did some tests today again. I used 3 different power
> supplies with my IC706 radio.

Something I'd verify is to make sure you're not getting any
voltage drop across any of the connectors or fuseholders. I
just checked my 706 on the bench and I can get a full 100W out
down to just below 12V input at the radio connector.

Mark K5LXP
Albuquerque, NM

I found that with 13.60v, (MFJ-4125) radio output is
> 65 watts on RTTY/CW
> mode, with 14.05v (Meanwell SMPS) it is 100 watts and with
> 14.8v (PS 55)  it is
> litttle over 100 watts. That means my MFJ-4125, which gives
> 13.60v, required to
> be adjusted to near 14.v output.  I see that there are
> 3 variable resistors in
> the MFJ4125 circiut, I do not excatly know which one to
> adjust to get 14v
> output...any idea on that???
>
> 73
>
> Rakesh
> vu2rak
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>     ic706-fullfeatured@yahoogroups.com
>
>
>

# 18387. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 18:14:32 UTC
From: Jack
Topic: 18385  Message: 18387

I would think that an adjustment to the radio would better serve the purpose
then to place the whole radio at risk with running that high of voltage.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Monday, November 15, 2010 15:30
Subject: [ic706] 706 and pwer supply

>
> I did some tests today again. I used 3 different power supplies with my
> IC706
> radio. I found that with 13.60v, (MFJ-4125) radio output is 65 watts on
> RTTY/CW
> mode, with 14.05v (Meanwell SMPS) it is 100 watts and with 14.8v (PS 55)
> it is
> litttle over 100 watts. That means my MFJ-4125, which gives 13.60v,
> required to
> be adjusted to near 14.v output. I see that there are 3 variable
> resistors in
> the MFJ4125 circiut, I do not excatly know which one to adjust to get 14v
> output...any idea on that???
>
> 73
>
> Rakesh
> vu2rak
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18388. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 19:43:41 UTC
From: Brock Winfrey
Topic: 18385  Message: 18388

I just put my standard ICOM 706 in my Honda Accord.  I have powered it with the cigarette lighter.  I know I can't run a lot of power from this, but it seems to do CW on 40 meters at 20 or 30 watts with no problem.  Has anyone actually damaged the IC706 using the cigarette lighter?

Sincerely, Brock Winfrey

--- On Mon, 11/15/10, Mark Brueggemann <qrq_cw@...> wrote:

From: Mark Brueggemann <qrq_cw@...>
Subject: Re: [ic706] 706 and pwer supply
To: ic706@yahoogroups.com
Date: Monday, November 15, 2010, 11:22 AM

--- On Mon, 11/15/10, Rakesh Kapoor <vu2rak@...> wrote:

> I did some tests today again. I used 3 different power

> supplies with my IC706 radio.

Something I'd verify is to make sure you're not getting any

voltage drop across any of the connectors or fuseholders. I

just checked my 706 on the bench and I can get a full 100W out

down to just below 12V input at the radio connector.

Mark K5LXP

Albuquerque, NM

I found that with 13.60v, (MFJ-4125) radio output is

> 65 watts on RTTY/CW

> mode, with 14.05v (Meanwell SMPS) it is 100 watts and with

> 14.8v (PS 55)  it is

> litttle over 100 watts. That means my MFJ-4125, which gives

> 13.60v, required to

> be adjusted to near 14.v output.  I see that there are

> 3 variable resistors in

> the MFJ4125 circiut, I do not excatly know which one to

> adjust to get 14v

> output...any idea on that???

>

> 73

>

> Rakesh

> vu2rak

>

>

>

>

> [Non-text portions of this message have been removed]

>

>

>

> ------------------------------------

>

> Yahoo! Groups Links

>

>

>     ic706-fullfeatured@yahoogroups.com

>

>

>

[Non-text portions of this message have been removed]

# 18389. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-15 20:33:14 UTC
From: Mike Rodgers
Topic: 18385  Message: 18389

Brock, I had to turn mine down to 5w on ssb or the transmit was distorted. Never blew fuse(don't know why not). After short time ran power to battery which is what I recommend.

Happy QSO'ing. Mike R

On Nov 15, 2010, at 1:43 PM, Brock Winfrey <ae4gm2003@...> wrote:

I just put my standard ICOM 706 in my Honda Accord. I have powered it with the cigarette lighter. I know I can't run a lot of power from this, but it seems to do CW on 40 meters at 20 or 30 watts with no problem. Has anyone actually damaged the IC706 using the cigarette lighter?

Sincerely, Brock Winfrey

--- On Mon, 11/15/10, Mark Brueggemann <qrq_cw@...> wrote:

From: Mark Brueggemann <qrq_cw@...>
Subject: Re: [ic706] 706 and pwer supply
To: ic706@yahoogroups.com
Date: Monday, November 15, 2010, 11:22 AM

--- On Mon, 11/15/10, Rakesh Kapoor <vu2rak@...> wrote:

> I did some tests today again. I used 3 different power

> supplies with my IC706 radio.

Something I'd verify is to make sure you're not getting any

voltage drop across any of the connectors or fuseholders. I

just checked my 706 on the bench and I can get a full 100W out

down to just below 12V input at the radio connector.

Mark K5LXP

Albuquerque, NM

I found that with 13.60v, (MFJ-4125) radio output is

> 65 watts on RTTY/CW

> mode, with 14.05v (Meanwell SMPS) it is 100 watts and with

> 14.8v (PS 55) it is

> litttle over 100 watts. That means my MFJ-4125, which gives

> 13.60v, required to

> be adjusted to near 14.v output. I see that there are

> 3 variable resistors in

> the MFJ4125 circiut, I do not excatly know which one to

> adjust to get 14v

> output...any idea on that???

>

> 73

>

> Rakesh

> vu2rak

>

>

>

>

> [Non-text portions of this message have been removed]

>

>

>

> ------------------------------------

>

> Yahoo! Groups Links

>

>

> ic706-fullfeatured@yahoogroups.com

>

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18390. 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 10:55:45 UTC
From: Rakesh Kapoor
Topic: 18390  Message: 18390

You think that I should get full 100 watts with supply voltage from 12v to 13.8v !!!

if I am not getting required power out put, that means- some thing wrong with: DC cable, DC power connector at the back of the radio, Fuse and Fuse holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18391. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 14:30:10 UTC
From: Mark Brueggemann
Topic: 18390  Message: 18391

--- On Tue, 11/16/10, Rakesh Kapoor <vu2rak@...> wrote:

> You think that I should get full 100
> watts with supply voltage from 12v to 13.8v !!!

The specification for the 706 is 13.8V +/-15%. That means it should meet it's rated output from 11.73V to 15.87V. You're not even getting 100W at 13.6V, when you should be. Most often this will be a voltage drop in the power input but if that's not it you could have a component or alignment issue. Whether that extra dB and half is worth it to you to dig into the radio and find it is another matter.

Prove the DC levels first and go from there.

Mark K5LXP
Albuquerque, NM

# 18392. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 14:36:32 UTC
From: Mike Rodgers
Topic: 18390  Message: 18392

I wish I had a variable supply. I don't.
I don't think you'll get full power at 12v
At 12.5 I don't know. I think you said the mfj was 13.6. That should be sufficient. There has been talk before about resistance possible in the fuseholders and also with aftermarket power cords not having correct size pins. I doubt their is anything wrong with your radio.

Happy QSO'ing. Mike R

On Nov 16, 2010, at 4:55 AM, Rakesh Kapoor <vu2rak@...> wrote:

You think that I should get full 100 watts with supply voltage from 12v to 13.8v
!!!

if I am not getting required power out put, that means- some thing wrong
with: DC cable, DC power connector at the back of the radio, Fuse and Fuse
holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18393. RE: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 14:57:59 UTC
From: Peter
Topic: 18390  Message: 18393

What are you trying to run the power into, a 50ohm dummy load I hope, have you checked that your dummy load is ok sometimes we miss the most obvious.

Regards

Peter

This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secured or error-free as information could be intercepted, corrupted, lost, destroyed, received late or incomplete, or could contain viruses. The sender therefore does not accept liability for any error or omission in the contents of this message, which arises as a result of e-mail transmission.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: 16 November 2010 2:37 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 and power supply

I wish I had a variable supply. I don't.
I don't think you'll get full power at 12v
At 12.5 I don't know. I think you said the mfj was 13.6. That should be sufficient. There has been talk before about resistance possible in the fuseholders and also with aftermarket power cords not having correct size pins. I doubt their is anything wrong with your radio.

Happy QSO'ing. Mike R

On Nov 16, 2010, at 4:55 AM, Rakesh Kapoor <vu2rak@... <mailto:vu2rak%40yahoo.com> > wrote:

You think that I should get full 100 watts with supply voltage from 12v to 13.8v
!!!

if I am not getting required power out put, that means- some thing wrong
with: DC cable, DC power connector at the back of the radio, Fuse and Fuse
holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18394. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 15:42:10 UTC
From: Ralph Mowery
Topic: 18390  Message: 18394

You should get the full 100 watts out at 13.8 volts.  This may vary from about 90 to 110 watts.  The 13.8 volts is the standard input voltage used by almost all transceivers that are designed for what is called 12 volts. This is a reasonable value for most cars while the engine is running.  There may be a drop in voltage when transmitting.  This could be due to the power cable going to the 706.  There are several power adjustments inside the 706 for the differant bands.  They may be out of adjustment.

It may also be the wattmeter and antenna system.  If you do not have a dummy load or antenna that has a very low swr the transmitter will cut the power output back.  The wattmeter may not be very accurate.  I posted some tests about 6 months ago with several wattmeters and an Icom 746PRO to show how much diffeance there can be.

----- Original Message ----
From: Rakesh Kapoor <vu2rak@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 5:55:45 AM
Subject: [ic706] 706 and power supply

You think that I should get full 100 watts with supply voltage from 12v to 13.8v

!!!

if  I  am not  getting required power out put,  that means- some thing wrong with:  DC cable,  DC power connector at the back of the radio, Fuse and Fuse holders, and if  all this all is ok,  some fault in my radio !!!!!????????

Rakesh
vu2rak

# 18395. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 15:49:03 UTC
From: Ralph Mowery
Topic: 18390  Message: 18395

Because the spec is from 11.7 to 15.8 does not mean it will put out the full 100 watts at a lower voltage.

It measn the 706 will work in those voltage ranges with out harm.  You will get less power out at voltages below 13.8 and more above 13.8 volts.

I am not sure about all, but many have posted problems with transmitting if the voltage drops much below 12.5 volts.  It may be the power wires are dropping enough voltage so that the actual voltage inside the 706 is less than the 11.7 you calculated.

----- Original Message ----
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 9:30:10 AM
Subject: Re: [ic706] 706 and power supply

--- On Tue, 11/16/10, Rakesh Kapoor <vu2rak@...> wrote:

> You think that I should get full 100
> watts with supply voltage from 12v to 13.8v !!!

The specification for the 706 is 13.8V +/-15%.  That means it should meet it's rated output from 11.73V to 15.87V.  You're not even getting 100W at 13.6V, when you should be. Most often this will be a voltage drop in the power input but if that's not it you could have a component or alignment issue.  Whether that extra dB and half is worth it to you to dig into the radio and find it is another matter.

Prove the DC levels first and go from there.

Mark K5LXP
Albuquerque, NM

# 18396. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 16:00:55 UTC
From: Larry J. Ford
Topic: 18390  Message: 18396

Can you try shortening the power cord and/or increasing the gauge of the wire used in the power cord?

Are you using the stock ICOM cord for the 706?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Tuesday, November 16, 2010 5:55 AM
Subject: [ic706] 706 and power supply

You think that I should get full 100 watts with supply voltage from 12v to 13.8v !!!

if I am not getting required power out put, that means- some thing wrong with: DC cable, DC power connector at the back of the radio, Fuse and Fuse holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18397. Re: 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 16:34:57 UTC
From: jb
Topic: 18385  Message: 18397

Interesting! I have seen several threads about adjusting the output from the factory settings to get the advertised 100 W.

My first observation would have been: Before making any adjustments it appears wise to first verify the proper supply voltage, then limit the output to 100 watts. Thereby protecting the finals and, also, getting the most out of them with the proper conditions.

Mark's findings refute that, providing the minimum required voltage is supplied.

I wonder if the variations that Rakesh noted may come from the ability of each of those power supplies to handle the amps demanded by the 706? I trust that the same antenna load was used on each test.

Curious minds want to know. =)

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Mon, 11/15/10, Rakesh Kapoor <vu2rak@...> wrote:
>
> > I did some tests today again. I used 3 different power
> > supplies with my IC706 radio.
>
> Something I'd verify is to make sure you're not getting any
> voltage drop across any of the connectors or fuseholders. I
> just checked my 706 on the bench and I can get a full 100W out
> down to just below 12V input at the radio connector.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>
>
> I found that with 13.60v, (MFJ-4125) radio output is
> > 65 watts on RTTY/CW
> > mode, with 14.05v (Meanwell SMPS) it is 100 watts and with
> > 14.8v (PS 55)  it is
> > litttle over 100 watts. That means my MFJ-4125, which gives

> > 13.60v, required to
> > be adjusted to near 14.v output.  I see that there are
> > 3 variable resistors in
> > the MFJ4125 circiut, I do not excatly know which one to
> > adjust to get 14v
> > output...any idea on that???
> >
> > 73
> >
> > Rakesh
> > vu2rak
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >     ic706-fullfeatured@yahoogroups.com
> >
> >
> >
> >
>

# 18398. Re: 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 16:44:10 UTC
From: jb
Topic: 18385  Message: 18398

Roger that! I can think of several vehicles that I wouldn't attempt such a thing even with the lower power demands of vhf rigs. Can't speak for Honda though. Why take the chance? It's not that hard to do it right.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Brock, I had to turn mine down to 5w on ssb or the transmit was distorted. Never blew fuse(don't know why not). After short time ran power to battery which is what I recommend.
>
> Happy QSO'ing. Mike R
>
> On Nov 15, 2010, at 1:43 PM, Brock Winfrey <ae4gm2003@...> wrote:
>
> I just put my standard ICOM 706 in my Honda Accord. I have powered it with the cigarette lighter. I know I can't run a lot of power from this, but it seems to do CW on 40 meters at 20 or 30 watts with no problem. Has anyone actually damaged the IC706 using the cigarette lighter?
>
> Sincerely, Brock Winfrey
>

# 18399. Re: [ic706] Re: 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 17:03:55 UTC
From: Rakesh Kapoor
Topic: 18385  Message: 18399

Yes, the antenna load is same, under all the test condx, a very well matched antenna with very low SWR 1:1...Freq. I am testing on is 14.200. What next I plan to do is that I will try hook same supplies with same DC cable etc to my another 706 radio and will see what output it gives... just to be sure if the radios are ok....and if I get full 100 watts out with 2nd 706 with same supply (MFJ 4125@13.60v) , it would mean that some thing wrong with my 1st 706....

Rakesh
vu2rak

---
From: jb <xjjb4x4@...>
To: ic706@yahoogroups.com
Sent: Tue, 16 November, 2010 10:04:57 PM
Subject: [ic706] Re: 706 and pwer supply

Interesting! I have seen several threads about adjusting the output from the factory settings to get the advertised 100 W.

My first observation would have been: Before making any adjustments it appears wise to first verify the proper supply voltage, then limit the output to 100 watts. Thereby protecting the finals and, also, getting the most out of them with the proper conditions.

Mark's findings refute that, providing the minimum required voltage is supplied.

I wonder if the variations that Rakesh noted may come from the ability of each of those power supplies to handle the amps demanded by the 706? I trust that the same antenna load was used on each test.

Curious minds want to know. =)

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Mon, 11/15/10, Rakesh Kapoor <vu2rak@...> wrote:
>
> > I did some tests today again. I used 3 different power
> > supplies with my IC706 radio.
>
> Something I'd verify is to make sure you're not getting any

> voltage drop across any of the connectors or fuseholders. I
> just checked my 706 on the bench and I can get a full 100W out
> down to just below 12V input at the radio connector.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>
>
> I found that with 13.60v, (MFJ-4125) radio output is
> > 65 watts on RTTY/CW
> > mode, with 14.05v (Meanwell SMPS) it is 100 watts and with
> > 14.8v (PS 55) it is
> > litttle over 100 watts. That means my MFJ-4125, which gives
> > 13.60v, required to
> > be adjusted to near 14.v output. I see that there are
> > 3 variable resistors in
> > the MFJ4125 circiut, I do not excatly know which one to
> > adjust to get 14v
> > output...any idea on that???
> >
> > 73
> >
> > Rakesh
> > vu2rak
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> > ic706-fullfeatured@yahoogroups.com
> >
> >
> >
>

[Non-text portions of this message have been removed]

# 18400. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 17:05:54 UTC
From: Rakesh Kapoor
Topic: 18390  Message: 18400

Using original DC cable though..... but what is the test that DC cable is good or bad ????

Rakesh
vu2rak

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, 16 November, 2010 9:30:55 PM
Subject: Re: [ic706] 706 and power supply

Can you try shortening the power cord and/or increasing the gauge of the wire used in the power cord?

Are you using the stock ICOM cord for the 706?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Tuesday, November 16, 2010 5:55 AM
Subject: [ic706] 706 and power supply

You think that I should get full 100 watts with supply voltage from 12v to 13.8v

!!!

if I am not getting required power out put, that means- some thing wrong with: DC cable, DC power connector at the back of the radio, Fuse and Fuse holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18401. RE: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 17:22:42 UTC
From: John Burrell
Topic: 18390  Message: 18401

In my copy of the Service Manual ICOM suggest a 13.8v power source of "30A or more" when adjusting the transmitter.

Just for your information..

John G8OZH

[Non-text portions of this message have been removed]

# 18402. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 19:25:30 UTC
From: Larry J. Ford
Topic: 18390  Message: 18402

I don't know what the "official" test would be, but I'd consider connecting the power supply end (bare wire or terminals?) to a known voltage power supply, then putting a voltmeter on the positive and negative pins of the plug that mates with the rig. What reading do you get?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Tuesday, November 16, 2010 12:05 PM
Subject: Re: [ic706] 706 and power supply

Using original DC cable though..... but what is the test that DC cable is good or bad ????

Rakesh
vu2rak

---

From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, 16 November, 2010 9:30:55 PM
Subject: Re: [ic706] 706 and power supply

Can you try shortening the power cord and/or increasing the gauge of the wire used in the power cord?

Are you using the stock ICOM cord for the 706?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Tuesday, November 16, 2010 5:55 AM
Subject: [ic706] 706 and power supply

You think that I should get full 100 watts with supply voltage from 12v to 13.8v

!!!

if I am not getting required power out put, that means- some thing wrong with: DC cable, DC power connector at the back of the radio, Fuse and Fuse holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18403. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 19:53:31 UTC
From: Ralph Mowery
Topic: 18390  Message: 18403

To do an "official" test, hook up the 706 to a power supply, open up the 706 and measure the voltage inside the transceiver while transmitting.

----- Original Message ----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 2:25:30 PM
Subject: Re: [ic706] 706 and power supply

I don't know what the "official" test would be, but I'd consider connecting the power supply end (bare wire or terminals?) to a known voltage power supply, then putting a voltmeter on the positive and negative pins of the plug that mates with the rig.  What reading do you get?

Larry J. Ford
KG4GPJ

# 18404. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 20:19:55 UTC
From: Larry J. Ford
Topic: 18390  Message: 18404

Would that be testing the power cord itself, which is what he asked?

Where inside the 706 would you measure the voltage? At the point

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Tuesday, November 16, 2010 2:53 PM
Subject: Re: [ic706] 706 and power supply

To do an "official" test, hook up the 706 to a power supply, open up the 706 and measure the voltage inside the transceiver while transmitting.

----- Original Message ----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 2:25:30 PM
Subject: Re: [ic706] 706 and power supply

I don't know what the "official" test would be, but I'd consider connecting the power supply end (bare wire or terminals?) to a known voltage power supply, then putting a voltmeter on the positive and negative pins of the plug that mates with the rig. What reading do you get?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18405. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 20:50:17 UTC
From: Ralph Mowery
Topic: 18390  Message: 18405

It is difficult to just test a power cord for voltage drop.  If there are only .2 ohms of resistance in bad connections at the fuse holders or terminals, it will not show up if you just hook a voltmeter to the power cord.  That same .2 ohms will drop a lot of voltage (compaired to the 13.8 volts) under a load of around 20 amps the 706 will draw while transmitting.  Most people can not measure resistance under 1 ohm very well.

I would start inside the 706 where the power wires connect to the printed circuit board.

----- Original Message ----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 3:19:55 PM
Subject: Re: [ic706] 706 and power supply

Would that be testing the power cord itself, which is what he asked?

Where inside the 706 would you measure the voltage?  At the point

Larry J. Ford
KG4GPJ

# 18406. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 13:57:22 UTC
From: Jack
Topic: 18390  Message: 18406

YES you should!!!
Yes it sounds like a fault, could be in a fuse, cord, or connector, Could also be in the radio, I would un plug the connector at the radio and see what the voltage is there, it should be the same as the supply then take apart the fuse holders (turn off the supply first) and using a electronics cleaner or abrasive cloth clean the fuses connections and the holders next clean the connections to the radio put it all back together and see what the power out is (turn the voltage back down first to 13.4-8) if you get full power out you were limited because of current loss in the corrosion if not then you have a radio fault.
IF you do not have a good repair center where you are there are several here in the states as well as you can send it directly to ICOM for service.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, November 16, 2010 10:55
Subject: [ic706] 706 and power supply

> You think that I should get full 100 watts with supply voltage from 12v to
> 13.8v
> !!!
>
> if I am not getting required power out put, that means- some thing
> wrong
> with: DC cable, DC power connector at the back of the radio, Fuse and
> Fuse
> holders, and if all this all is ok, some fault in my radio !!!!!????????
>
> Rakesh
> vu2rak
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

# 18407. RE: EXTERNAL: Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 22:40:26 UTC
From: Lefczik, Larry D
Topic: 18390  Message: 18407

From the Service Manual
Supply to Final Transistors Q171/Q172 is to be measured at 13.7 V.
Supply to the Driver Q100 is to be measured at 13.8 V.

MEASUREMENT CONDITIONS
SUPPLY VOLTAGE: 13.8 V
14.1 MHz USB
DIGITAL MULTIMETER: 50 k%/V

I see no voltage regulator between the Power Plug and these transistors, so what you supply is what the transistors get. Hence, a higher supply voltage leads to higher output power.

I don't know the absolute Max voltage the transistors can take, but I understand they are quite expensive to replace, so we try to keep our supply voltages within spec.

What people are saying about the power cable is there could be a voltage drop on a long cable since under full transmit power load if you have a 0.2 Ohm wire resistance for 3 feet and draw 20 Amps you could have a Voltage drop of (20A x 0.2 Ohms) = 4 Volts at the connector. This should be measured at the radio power connector with the radio at full transmit power. During receive when drawing less than an Amp you will not notice the (1 Amp x 0.2 Ohm) = 0.2 Volt drop.

You are taking the best approach, since you have another 706, by swapping radios and taking measurements. It will tell you if it is the radio or the power SYSTEM including supply cable and connectors. Per the manual, there is a HF power out adjustment so I would not be surprised at all if you get different power output readings for every radio you try.

73 de NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jack
Sent: Tuesday, November 16, 2010 8:57 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] 706 and power supply

YES you should!!!
Yes it sounds like a fault, could be in a fuse, cord, or connector, Could
also be in the radio, I would un plug the connector at the radio and see
what the voltage is there, it should be the same as the supply then take
apart the fuse holders (turn off the supply first) and using a electronics
cleaner or abrasive cloth clean the fuses connections and the holders next
clean the connections to the radio put it all back together and see what the
power out is (turn the voltage back down first to 13.4-8) if you get full
power out you were limited because of current loss in the corrosion if not
then you have a radio fault.
IF you do not have a good repair center where you are there are several here
in the states as well as you can send it directly to ICOM for service.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, November 16, 2010 10:55
Subject: [ic706] 706 and power supply

> You think that I should get full 100 watts with supply voltage from 12v to
> 13.8v
> !!!
>
> if I am not getting required power out put, that means- some thing
> wrong
> with: DC cable, DC power connector at the back of the radio, Fuse and
> Fuse
> holders, and if all this all is ok, some fault in my radio !!!!!????????
>
> Rakesh
> vu2rak
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

---

Yahoo! Groups Links

# 18408. Re: EXTERNAL: Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-17 01:17:48 UTC
From: Mike Rodgers
Topic: 18390  Message: 18408

Good points Larry, and if you have any finals other than the mittsubishi ones, they are basically not available SO it's very wise not to be pushing your luck.

Happy QSO'ing. Mike R

On Nov 16, 2010, at 4:40 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

From the Service Manual
Supply to Final Transistors Q171/Q172 is to be measured at 13.7 V.
Supply to the Driver Q100 is to be measured at 13.8 V.

MEASUREMENT CONDITIONS
SUPPLY VOLTAGE: 13.8 V
14.1 MHz USB
DIGITAL MULTIMETER: 50 k‰/V

I see no voltage regulator between the Power Plug and these transistors, so what you supply is what the transistors get. Hence, a higher supply voltage leads to higher output power.

I don't know the absolute Max voltage the transistors can take, but I understand they are quite expensive to replace, so we try to keep our supply voltages within spec.

What people are saying about the power cable is there could be a voltage drop on a long cable since under full transmit power load if you have a 0.2 Ohm wire resistance for 3 feet and draw 20 Amps you could have a Voltage drop of (20A x 0.2 Ohms) = 4 Volts at the connector. This should be measured at the radio power connector with the radio at full transmit power. During receive when drawing less than an Amp you will not notice the (1 Amp x 0.2 Ohm) = 0.2 Volt drop.

You are taking the best approach, since you have another 706, by swapping radios and taking measurements. It will tell you if it is the radio or the power SYSTEM including supply cable and connectors. Per the manual, there is a HF power out adjustment so I would not be surprised at all if you get different power output readings for every radio you try.

73 de NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jack
Sent: Tuesday, November 16, 2010 8:57 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] 706 and power supply

YES you should!!!
Yes it sounds like a fault, could be in a fuse, cord, or connector, Could
also be in the radio, I would un plug the connector at the radio and see
what the voltage is there, it should be the same as the supply then take
apart the fuse holders (turn off the supply first) and using a electronics
cleaner or abrasive cloth clean the fuses connections and the holders next

clean the connections to the radio put it all back together and see what the power out is (turn the voltage back down first to 13.4-8) if you get full power out you were limited because of current loss in the corrosion if not then you have a radio fault.
IF you do not have a good repair center where you are there are several here in the states as well as you can send it directly to ICOM for service.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, November 16, 2010 10:55
Subject: [ic706] 706 and power supply

You think that I should get full 100 watts with supply voltage from 12v to 13.8v
!!!

if I am not getting required power out put, that means- some thing wrong
with: DC cable, DC power connector at the back of the radio, Fuse and Fuse
holders, and if all this all is ok, some fault in my radio !!!!!????????

Rakesh
vu2rak

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

---

Yahoo! Groups Links

---

Yahoo! Groups Links

# 18409. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 22:52:16 UTC
From: Mark Robinson
Topic: 18390  Message: 18409

It would be easier to measure the volt drop across one side of the power cables first I think

Mark N1UK

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, 16 November, 2010 11:00 AM
Subject: Re: [ic706] 706 and power supply

> Can you try shortening the power cord and/or increasing the gauge of the
> wire used in the power cord?
>
> Are you using the stock ICOM cord for the 706?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Rakesh Kapoor
> To: ic706@yahoogroups.com
> Sent: Tuesday, November 16, 2010 5:55 AM
> Subject: [ic706] 706 and power supply
>
>
>
> You think that I should get full 100 watts with supply voltage from 12v
> to 13.8v
> !!!
>
> if I am not getting required power out put, that means- some thing wrong
> with: DC cable, DC power connector at the back of the radio, Fuse and
> Fuse
> holders, and if all this all is ok, some fault in my radio !!!!!????????
>
> Rakesh
> vu2rak
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]

>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18410. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-16 22:54:32 UTC
From: Mark Robinson
Topic: 18390  Message: 18410

Easier to measure the volt drop on the cable under load

Mark N1UK

----- Original Message -----
From: "Ralph Mowery" <ku4pt@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, 16 November, 2010 3:50 PM
Subject: Re: [ic706] 706 and power supply

It is difficult to just test a power cord for voltage drop. If there are
only
.2 ohms of resistance in bad connections at the fuse holders or terminals,
it
will not show up if you just hook a voltmeter to the power cord. That same
.2
ohms will drop a lot of voltage (compaired to the 13.8 volts) under a load
of
around 20 amps the 706 will draw while transmitting. Most people can not
measure resistance under 1 ohm very well.

I would start inside the 706 where the power wires connect to the printed
circuit board.

----- Original Message ----
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Tue, November 16, 2010 3:19:55 PM
Subject: Re: [ic706] 706 and power supply

Would that be testing the power cord itself, which is what he asked?

Where inside the 706 would you measure the voltage? At the point

Larry J. Ford
KG4GPJ

---

Yahoo! Groups Links

# 18411. Re: 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-17 14:41:02 UTC
From: Greg
Topic: 18390  Message: 18411

Just to reinforce good troubleshooting techniques [and what has been said already, latest by Mark, N1UK].....place the suspect circuit under load then test for voltage drops, as the fault is much more apparent than chasing resistances through out the circuit.

Remember Ohms law, zero current flow will show the applied voltage.

73's
Greg K9GKL

--- In ic706@yahoogroups.com, Rakesh Kapoor <vu2rak@...> wrote:
>
> You think that I should get full 100 watts with supply voltage from 12v to 13.8v
> !!!
>
> if I am not getting required power out put, that means- some thing wrong
> with: DC cable, DC power connector at the back of the radio, Fuse and Fuse
> holders, and if all this all is ok, some fault in my radio !!!!!????????
>
> Rakesh
> vu2rak
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18412. Re: 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-19 09:39:52 UTC
From: gunnystungun
Topic: 18390  Message: 18412

Problem is CURRENT REGULATION in suspect supply. That is why voltage is higher than normal.

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Tue, 11/16/10, Rakesh Kapoor <vu2rak@...> wrote:
>
> > You think that I should get full 100
> > watts with supply voltage from 12v to 13.8v !!!
>
> The specification for the 706 is 13.8V +/-15%. That means it
> should meet it's rated output from 11.73V to 15.87V. You're not
> even getting 100W at 13.6V, when you should be. Most often this
> will be a voltage drop in the power input but if that's not it
> you could have a component or alignment issue. Whether that
> extra dB and half is worth it to you to dig into the radio and
> find it is another matter.
>
> Prove the DC levels first and go from there.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 18413. 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-19 14:21:03 UTC
From: Rakesh Kapoor
Topic: 18390  Message: 18413

I did flowing tests today:
First with Power Supply: MFJ 4125 giving 13.6 v @ 22 A
Radio 1st IC 706MK2G and 2nd IC706MK2G
1st DC Cable (Original), 2nd Cable (Original) and 3rd (TS 50 cable)
Freq: 14.200
SWR 1:1.1
SWR meter Daiwa Cross needle type
OUT PUT on RTTY Mode= 65 watts ( with all 3 cables and @ 13.60v)

2nd Test All as above, only used : 1-Meanwell SMPS giving 14.ov and 2- PS 55..giving 14.85v..
OUT PUT= 100 watts

That means I need a supply which gives near 14.v to get full 100 watts out put from my two of IC706MK2Gs...

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18414. Yamaha cm500 headset

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 02:55:47 UTC
From: Mike Rodgers
Topic: 18414  Message: 18414

Has anyone by chance wired up and used the cm500 on a 706?

Happy QSO'ing. Mike R

# 18415. ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 14:50:04 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18415

I have been doing some experiment using supply MFJ-4125, which gives 13.6v, and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only. I did this test with two of my IC706MK2G and 3 different DC cables. But as I connect radios with a supply which gives 14v, I get full 100 watts.

After all these tests, I have come to this conclusion that my radio needs 14v to give full 100 watts output . This means that I will have to adjust out put voltage of my 4125 to near 14. v. You think I should do that???

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18416. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 17:32:41 UTC
From: Jeff Moore
Topic: 18415  Message: 18416

When are you going to try 13.8 vdc ?? That's what it's supposed to be although the radio should put out 100 watts over a range of voltages from 12.5 vdc up to 14 vdc.

Adjust your supply!

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Rakesh Kapoor

I have been doing some experiment using supply MFJ-4125, which gives 13.6v, and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only. I did this test with two of my IC706MK2G and 3 different DC cables. But as I connect radios with a supply which gives 14v, I get full 100 watts.

After all these tests, I have come to this conclusion that my radio needs 14v to give full 100 watts output . This means that I will have to adjust out put voltage of my 4125 to near 14. v. You think I should do that???

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18417. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 17:09:35 UTC
From: Jack
Topic: 18415  Message: 18417

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18418. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 17:57:15 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18418

Dear Jeff Moore,
I tried 13.8. I have a 25A supply which is variable, from 12v to 14v, I tried 12v, 13v and 13.8 v. I get 65 watts out. But at 14v setting of the same supply, I get 100 watts. I tried this with different 3 DC cables....2 original Icom and one original of TS50s, but with same results, 65 watts out @ 13.60v.....

Rakesh
vu2rak

---
From: Jeff Moore <tnetcenter@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 11:02:41 PM
Subject: Re: [ic706] ic706 and power supply

When are you going to try 13.8 vdc ?? That's what it's supposed to be although the radio should put out 100 watts over a range of voltages from 12.5 vdc up to 14 vdc.

Adjust your supply!

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Rakesh Kapoor

I have been doing some experiment using supply MFJ-4125, which gives 13.6v, and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only. I did this test with two of my IC706MK2G and 3 different DC cables. But as I connect radios with a supply which gives 14v, I get full 100 watts.

After all these tests, I have come to this conclusion that my radio needs 14v to give full 100 watts output . This means that I will have to adjust out put voltage of my 4125 to near 14. v. You think I should do that???

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18419. RE: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 18:00:26 UTC
From: Peter
Topic: 18415  Message: 18419

There's something not right the rig should not be that sensitive to such a minor voltage variation.

Regards

Peter

This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secured or error-free as information could be intercepted, corrupted, lost, destroyed, received late or incomplete, or could contain viruses. The sender therefore does not accept liability for any error or omission in the contents of this message, which arises as a result of e-mail transmission.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jeff Moore
Sent: 20 November 2010 5:33 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] ic706 and power supply

When are you going to try 13.8 vdc ?? That's what it's supposed to be although the radio should put out 100 watts over a range of voltages from 12.5 vdc up to 14 vdc.

Adjust your supply!

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Rakesh Kapoor

I have been doing some experiment using supply MFJ-4125, which gives 13.6v, and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only.
I did this test with two of my IC706MK2G and 3 different DC cables. But as I

connect radios with a supply which gives 14v, I get full 100 watts.

After all these tests, I have come to this conclusion that my radio needs 14v
to give full 100 watts output . This means that I will have to adjust out put
voltage of my 4125 to near 14. v. You think I should do that???

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18420. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 18:00:57 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18420

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18421. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 18:21:13 UTC
From: Jeff Moore
Topic: 18415  Message: 18421

If you get 65 watts out at 13.8 vdc - fix your radio!

Jeff Moore -- KE7ACY

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 9:57 AM
Subject: Re: [ic706] ic706 and power supply

Dear Jeff Moore,
I tried 13.8. I have a 25A supply which is variable, from 12v to 14v, I tried 12v, 13v and 13.8 v. I get 65 watts out. But at 14v setting of the same supply, I get 100 watts. I tried this with different 3 DC cables....2 original Icom and one original of TS50s, but with same results, 65 watts out @ 13.60v.....

Rakesh
vu2rak

---
From: Jeff Moore <tnetcenter@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 11:02:41 PM
Subject: Re: [ic706] ic706 and power supply

When are you going to try 13.8 vdc ?? That's what it's supposed to be although the radio should put out 100 watts over a range of voltages from 12.5 vdc up to 14 vdc.

Adjust your supply!

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Rakesh Kapoor

I have been doing some experiment using supply MFJ-4125, which gives 13.6v, and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only. I did this test with two of my IC706MK2G and 3 different DC cables. But as I connect radios with a supply which gives 14v, I get full 100 watts.

After all these tests, I have come to this conclusion that my radio needs 14v to give full 100 watts output . This means that I will have to adjust out put voltage of my 4125 to near 14. v. You think I should do that???

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18422. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 18:21:49 UTC
From: Deacon Dave
Topic: 18415  Message: 18422

BEFORE you do anything FOOLISH are you 100% certain/sure that your watt meter is 100% operating properly and well calibrated.

If both radios are showing the same response I would suspect the common item that is the power supply.

DD
----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 1:00 PM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>

>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18423. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-20 18:24:05 UTC
From: Jeff Moore
Topic: 18415  Message: 18423

0.4 vdc should not make 35 watts difference in the output of the radio(s)! There's either something wrong with your radio(s) or your test setup.

Jeff Moore -- KE7ACY
CN94

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 10:00 AM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...m>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>

> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18424. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-21 06:44:30 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18424

Dear Dave,
My SWR/Watt meter is good and quite accurate. It is Diawa cross needle type. I check it with other HF radios and it shows proper output. So the Watt meter is OK. I will check voltage of the power supply with another multi-meter.

Rakesh
vu2rak

Dave <w1mce@...>

To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 11:51:49 PM
Subject: Re: [ic706] ic706 and power supply

BEFORE you do anything FOOLISH are you 100% certain/sure that your watt meter is 100% operating properly and well calibrated.

If both radios are showing the same response I would suspect the common item that is the power supply.

DD
----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 1:00 PM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----

From: "Rakesh Kapoor" <vu2rak@yahoo.com>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18425. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-21 01:47:37 UTC
From: Jack
Topic: 18415  Message: 18425

That being the case yea the radios to the power supply is bad! IF it can NOT put out 22amps at 13.6 Volts then it will also hold the power back as a test set a car battery at he test bench hook it to the 13.6 Volt supply charging it for 2 - 3 hours then add the radio to the battery, you should see the battery sitting at 13.6 - 13.8 volts to start with. Now test the out put of the radio and see if you get the full 100 watts out. IF you do the your supply DOES NOT have the currant capacity to power the radio and you need a better supply.

Adding voltage is NOT a good answer! that radio should put out 100 watts from 12.4 - 14.0 volts as this is nominal power in a car. and 14.0 volts all the time is NOT good for the radio and may cause early failure of the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 18:00
Subject: Re: [ic706] ic706 and power supply

> Dear Jack,
> This is happening with both of my 706s... you mean I repair both the
> radios
> !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+
> v....both
> radios are almost new .....
>
> Rakesh
> vu2rak
>
>
>
>
> _____
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sat, 20 November, 2010 10:39:35 PM
> Subject: Re: [ic706] ic706 and power supply
>
>
> NO I think you should repair the 706MIIG so that it puts out the 100watts
> at
> 13.6VDC that way you do not harm the radio with over voltage spikes or
> have
> to "mod" the power supply so that it is only good for one radio.

>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Rakesh Kapoor" <vu2rak@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 20, 2010 14:50
> Subject: [ic706] ic706 and power supply
>
>> I have been doing some experiment using supply MFJ-4125, which gives
>> 13.6v,
>> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts
>> out
>> only.
>> I did this test with two of my IC706MK2G and 3 different DC cables. But
>> as I
>> connect radios with a supply which gives 14v, I get full 100 watts.
>>
>>
>> After all these tests, I have come to this conclusion that my radio
>> needs 14v
>> to give full 100 watts output . This means that I will have to adjust
>> out put
>> voltage of my 4125 to near 14. v. You think I should do that???
>>
>> Rakesh
>> vu2rak
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18426. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-21 07:06:52 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18426

Dear Jack,
If it is true that my radios are having some problem because they are not giving required 100 watts out put with 13. 8v, and with original DC cable, clean DC connector and good fuses, any idea what and how to set radio right to get full power out put !!????

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sun, 21 November, 2010 7:17:37 AM
Subject: Re: [ic706] ic706 and power supply

That being the case yea the radios to the power supply is bad! IF it can NOT put out 22amps at 13.6 Volts then it will also hold the power back as a test set a car battery at he test bench hook it to the 13.6 Volt supply charging it for 2 - 3 hours then add the radio to the battery, you should see the battery sitting at 13.6 - 13.8 volts to start with. Now test the out put of the radio and see if you get the full 100 watts out. IF you do the your supply DOES NOT have the currant capacity to power the radio and you need a better supply.

Adding voltage is NOT a good answer! that radio should put out 100 watts from 12.4 - 14.0 volts as this is nominal power in a car. and 14.0 volts all the time is NOT good for the radio and may cause early failure of the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 18:00
Subject: Re: [ic706] ic706 and power supply

> Dear Jack,
> This is happening with both of my 706s... you mean I repair both the
> radios
> !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+
> v....both
> radios are almost new .....
>
> Rakesh
> vu2rak
>

>
>
>
> _____
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sat, 20 November, 2010 10:39:35 PM
> Subject: Re: [ic706] ic706 and power supply
>
>
> NO I think you should repair the 706MIIG so that it puts out the 100watts
> at
> 13.6VDC that way you do not harm the radio with over voltage spikes or
> have
> to "mod" the power supply so that it is only good for one radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Rakesh Kapoor" <vu2rak@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 20, 2010 14:50
> Subject: [ic706] ic706 and power supply
>
>> I have been doing some experiment using supply MFJ-4125, which gives
>> 13.6v,
>> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts
>> out
>> only.
>> I did this test with two of my IC706MK2G and 3 different DC cables. But
>> as I
>> connect radios with a supply which gives 14v, I get full 100 watts.
>>
>>
>> After all these tests, I have come to this conclusion that my radio
>> needs 14v
>> to give full 100 watts output . This means that I will have to adjust
>> out put
>> voltage of my 4125 to near 14. v. You think I should do that???
>>
>> Rakesh
>> vu2rak
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------

>>
>> Yahoo! Groups Links
>>
>>
>>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18427. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-21 10:13:26 UTC
From: Mike Rodgers
Topic: 18415  Message: 18427

I feel like the problem is that mfj supply.
If it were not there- no problem.

Happy QSO'ing. Mike R

On Nov 21, 2010, at 1:06 AM, Rakesh Kapoor <vu2rak@...> wrote:

Dear Jack,
If it is true that my radios are having some problem because they are not giving required 100 watts out put with 13. 8v, and with original DC cable, clean DC connector and good fuses, any idea what and how to set radio right to get full power out put !!????

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sun, 21 November, 2010 7:17:37 AM
Subject: Re: [ic706] ic706 and power supply

That being the case yea the radios to the power supply is bad! IF it can NOT put out 22amps at 13.6 Volts then it will also hold the power back as a test set a car battery at he test bench hook it to the 13.6 Volt supply charging it for 2 - 3 hours then add the radio to the battery, you should see the battery sitting at 13.6 - 13.8 volts to start with. Now test the out put of the radio and see if you get the full 100 watts out. IF you do the your supply DOES NOT have the currant capacity to power the radio and you need a better supply.

Adding voltage is NOT a good answer! that radio should put out 100 watts from 12.4 - 14.0 volts as this is nominal power in a car. and 14.0 volts all the time is NOT good for the radio and may cause early failure of the radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 18:00
Subject: Re: [ic706] ic706 and power supply

> Dear Jack,
> This is happening with both of my 706s... you mean I repair both the
> radios
> !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+

> v....both
> radios are almost new .....
>
> Rakesh
> vu2rak
>
>
>
>
> _____
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sat, 20 November, 2010 10:39:35 PM
> Subject: Re: [ic706] ic706 and power supply
>
>
> NO I think you should repair the 706MIIG so that it puts out the 100watts
> at
> 13.6VDC that way you do not harm the radio with over voltage spikes or
> have
> to "mod" the power supply so that it is only good for one radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Rakesh Kapoor" <vu2rak@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 20, 2010 14:50
> Subject: [ic706] ic706 and power supply
>
>> I have been doing some experiment using supply MFJ-4125, which gives
>> 13.6v,
>> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts
>> out
>> only.
>> I did this test with two of my IC706MK2G and 3 different DC cables. But
>> as I
>> connect radios with a supply which gives 14v, I get full 100 watts.
>>
>>
>> After all these tests, I have come to this conclusion that my radio
>> needs 14v
>> to give full 100 watts output . This means that I will have to adjust
>> out put
>> voltage of my 4125 to near 14. v. You think I should do that???
>>
>> Rakesh
>> vu2rak
>>
>>

>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18428. Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-21 22:06:45 UTC
From: Jack
Topic: 18415  Message: 18428

Rekesh
Try the test I described with a car battery first.
then consider adjusting the radio

Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, November 21, 2010 07:06
Subject: Re: [ic706] ic706 and power supply

> Dear Jack,
> If it is true that my radios are having some problem because they are not
> giving
> required 100 watts out put with 13. 8v, and with original DC cable, clean
> DC
> connector and good fuses, any idea what and how to set radio right to get
> full
> power out put !!????
>
> Rakesh
> vu2rak
>
>
>
>
> _____
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sun, 21 November, 2010 7:17:37 AM
> Subject: Re: [ic706] ic706 and power supply
>
>
> That being the case yea the radios to the power supply is bad! IF it can
> NOT
> put out 22amps at 13.6 Volts then it will also hold the power back as a
> test
> set a car battery at he test bench hook it to the 13.6 Volt supply
> charging
> it for 2 - 3 hours then add the radio to the battery, you should see the
> battery sitting at 13.6 - 13.8 volts to start with. Now test the out put
> of
> the radio and see if you get the full 100 watts out. IF you do the your
> supply DOES NOT have the currant capacity to power the radio and you need
> a

> better supply.
>
> Adding voltage is NOT a good answer! that radio should put out 100 watts
> from 12.4 - 14.0 volts as this is nominal power in a car. and 14.0 volts
> all
> the time is NOT good for the radio and may cause early failure of the
> radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Rakesh Kapoor" <vu2rak@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 20, 2010 18:00
> Subject: Re: [ic706] ic706 and power supply
>
>> Dear Jack,
>> This is happening with both of my 706s... you mean I repair both the
>> radios
>> !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+
>> v....both
>> radios are almost new .....
>>
>> Rakesh
>> vu2rak
>>
>>
>>
>>
>> _____
>> From: Jack <jack.mrfixit198@...>
>> To: ic706@yahoogroups.com
>> Sent: Sat, 20 November, 2010 10:39:35 PM
>> Subject: Re: [ic706] ic706 and power supply
>>
>>
>> NO I think you should repair the 706MIIG so that it puts out the 100watts
>> at
>> 13.6VDC that way you do not harm the radio with over voltage spikes or
>> have
>> to "mod" the power supply so that it is only good for one radio.
>>
>> N6UYB
>> Jack E. Foster
>> ----- Original Message -----
>> From: "Rakesh Kapoor" <vu2rak@...>
>> To: <ic706@yahoogroups.com>
>> Sent: Saturday, November 20, 2010 14:50
>> Subject: [ic706] ic706 and power supply
>>

>>> I have been doing some experiment using supply MFJ-4125, which gives
>>> 13.6v,
>>> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts
>>> out
>>> only.
>>> I did this test with two of my IC706MK2G and 3 different DC cables.
>>> But
>>> as I
>>> connect radios with a supply which gives 14v, I get full 100 watts.
>>>
>>>
>>> After all these tests, I have come to this conclusion that my radio
>>> needs 14v
>>> to give full 100 watts output . This means that I will have to adjust
>>> out put
>>> voltage of my 4125 to near 14. v. You think I should do that???
>>>
>>> Rakesh
>>> vu2rak
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>
>>
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18429. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 01:32:09 UTC
From: Rodrigo Lima
Topic: 18385  Message: 18429

Hello all
i have a ic706 firts version
the output of the remote radio stopped working
could you help me?
tks
Rodrigo

[Non-text portions of this message have been removed]

# 18430. RE: EXTERNAL: Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 13:52:38 UTC
From: Lefczik, Larry D
Topic: 18415  Message: 18430

I am wondering, before we shoot the tester, can anyone else perform the same experiments and post his/their results?

I can understand the supply voltage affecting the output, but that is a large percentage change for a small voltage variation.

Rakesh-
I have lost track of your testing method.

What mode (FM, RTTY, SSB) are you using?

Are you watching the WATT meter while adjusting the supply or are you taking discrete samples?

What are you using to measure radio output power?

What are you using to measure supply voltage?

Etc...

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jeff Moore
Sent: Saturday, November 20, 2010 1:24 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] ic706 and power supply

0.4 vdc should not make 35 watts difference in the output of the radio(s)! There's either something wrong with your radio(s) or your test setup.

Jeff Moore -- KE7ACY
CN94

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 10:00 AM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at 13.6VDC that way you do not harm the radio with over voltage spikes or have to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18431. Re: EXTERNAL: Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 14:21:54 UTC
From: Rakesh Kapoor
Topic: 18415  Message: 18431

Dear NJ2L,
I am checking with supply MFJ-4125, which gives 13.6v. The watt meter is Daiwa cross-needle type, which is fairly accurate. I use same watt meter for my other HF radios and I see out put to antenna on this meter, which seems to be ok. I use digital multi meter to measure/read DC voltage from power supply.

Yesterday, I did a new test, I used same 2 power supplies, MFJ-4125@ 13.6v and other with 14.0v, and 2 DC cables, but this time, radio was not IC706mk2g, it was TS50, With this radio and applied DC voltage, which was, 13.60v and 14.0 , there was very little change in out put, I mean, I got same out put, 90 watts, with both supplies. But with 706, little increase in DC voltage ( from 13.6v to 14.0v) boosts output. from 65 to 100 watts only thing I am not doing is that I am not measuring Current being drawn by radio at full power.....
73.

Rakesh
vu2rak

---
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Mon, 22 November, 2010 7:22:38 PM
Subject: RE: EXTERNAL: Re: [ic706] ic706 and power supply

I am wondering, before we shoot the tester, can anyone else perform the same experiments and post his/their results?

I can understand the supply voltage affecting the output, but that is a large percentage change for a small voltage variation.

Rakesh-
I have lost track of your testing method.

What mode (FM, RTTY, SSB) are you using?

Are you watching the WATT meter while adjusting the supply or are you taking discrete samples?

What are you using to measure radio output power?

What are you using to measure supply voltage?

Etc...

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jeff

Moore
Sent: Saturday, November 20, 2010 1:24 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] ic706 and power supply

0.4 vdc should not make 35 watts difference in the output of the radio(s)!
There's either something wrong with your radio(s) or your test setup.

Jeff Moore -- KE7ACY
CN94

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Saturday, November 20, 2010 10:00 AM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios
!!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both
radios are almost new .....

Rakesh
vu2rak

---
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at
13.6VDC that way you do not harm the radio with over voltage spikes or have
to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>

> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18432. Re: EXTERNAL: Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 14:27:54 UTC
From: Charles Van Eeckhout
Topic: 18415  Message: 18432

THIS TOPIC IS GETTING VERY VERY OLD.... BEEN GOING ON FOR OVER A WEEK NOW... GET OVER IT AND OPERATE AT LOW POWER..
CHUCK
WD9HAE
On Nov 22, 2010, at 8:21 AM, Rakesh Kapoor wrote:

> Dear NJ2L,
> I am checking with supply MFJ-4125, which gives 13.6v. The watt meter is Daiwa
> cross-needle type, which is fairly accurate. I use same watt meter for my
> other HF radios and I see out put to antenna on this meter, which seems to be
> ok. I use digital multi meter to measure/read DC voltage from power supply.
>
> Yesterday, I did a new test, I used same 2 power supplies, MFJ-4125@ 13.6v and
> other with 14.0v, and 2 DC cables, but this time, radio was not IC706mk2g,
> it was TS50, With this radio and applied DC voltage, which was, 13.60v and 14.0
> , there was very little change in out put, I mean, I got same out put, 90 watts,
> with both supplies. But with 706, little increase in DC voltage ( from 13.6v to
> 14.0v) boosts output. from 65 to 100 watts only thing I am not doing is that
> I am not measuring Current being drawn by radio at full power.....
> 73.
>
> Rakesh
> vu2rak
>
> _____
> From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Sent: Mon, 22 November, 2010 7:22:38 PM
> Subject: RE: EXTERNAL: Re: [ic706] ic706 and power supply
>
> I am wondering, before we shoot the tester, can anyone else perform the same
> experiments and post his/their results?
>
> I can understand the supply voltage affecting the output, but that is a large
> percentage change for a small voltage variation.
>
> Rakesh-
> I have lost track of your testing method.
>
> What mode (FM, RTTY, SSB) are you using?
>
> Are you watching the WATT meter while adjusting the supply or are you taking
> discrete samples?
>
> What are you using to measure radio output power?

>
> What are you using to measure supply voltage?
>
> Etc...
>
> NJ2L
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jeff
> Moore
> Sent: Saturday, November 20, 2010 1:24 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] ic706 and power supply
>
> 0.4 vdc should not make 35 watts difference in the output of the radio(s)!
> There's either something wrong with your radio(s) or your test setup.
>
> Jeff Moore -- KE7ACY
> CN94
>
> ----- Original Message -----
> From: Rakesh Kapoor
> To: ic706@yahoogroups.com
> Sent: Saturday, November 20, 2010 10:00 AM
> Subject: Re: [ic706] ic706 and power supply
>
> Dear Jack,
> This is happening with both of my 706s... you mean I repair both the radios
> !!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both
> radios are almost new .....
>
> Rakesh
> vu2rak
>
> _____
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sat, 20 November, 2010 10:39:35 PM
> Subject: Re: [ic706] ic706 and power supply
>
> NO I think you should repair the 706MIIG so that it puts out the 100watts at
> 13.6VDC that way you do not harm the radio with over voltage spikes or have
> to "mod" the power supply so that it is only good for one radio.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Rakesh Kapoor" <vu2rak@...>
> To: <ic706@yahoogroups.com>
> Sent: Saturday, November 20, 2010 14:50

> Subject: [ic706] ic706 and power supply
>
> > I have been doing some experiment using supply MFJ-4125, which gives
> > 13.6v,
> > and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> > only.
> > I did this test with two of my IC706MK2G and 3 different DC cables. But
> > as I
> > connect radios with a supply which gives 14v, I get full 100 watts.
> >
> >
> > After all these tests, I have come to this conclusion that my radio
> > needs 14v
> > to give full 100 watts output . This means that I will have to adjust
> > out put
> > voltage of my 4125 to near 14. v. You think I should do that???
> >
> > Rakesh
> > vu2rak
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18433. RE: EXTERNAL: Re: [ic706] ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 14:28:30 UTC
From: John Burrell
Topic: 18415  Message: 18433

Rakesh,

Have you discussed this with ICOM yet?

I'm sure their reply would be more useful than a list of suggestions from the group, however well intentioned.

John G8OZH

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Rakesh Kapoor
Sent: 22 November 2010 14:22
To: ic706@yahoogroups.com
Subject: Re: EXTERNAL: Re: [ic706] ic706 and power supply

Dear NJ2L,
I am checking with supply MFJ-4125, which gives 13.6v. The watt meter is Daiwa
cross-needle type, which is fairly accurate. I use same watt meter for my other HF radios and I see out put to antenna on this meter, which seems to be
ok. I use digital multi meter to measure/read DC voltage from power supply.

Yesterday, I did a new test, I used same 2 power supplies, MFJ-4125@ 13.6v and
other with 14.0v, and 2 DC cables, but this time, radio was not IC706mk2g, it was TS50, With this radio and applied DC voltage, which was, 13.60v and 14.0
, there was very little change in out put, I mean, I got same out put, 90 watts,
with both supplies. But with 706, little increase in DC voltage ( from 13.6v to
14.0v) boosts output. from 65 to 100 watts only thing I am not doing is that

I am not measuring Current being drawn by radio at full power.....
73.

Rakesh
vu2rak

---
From: "Lefczik, Larry D" <Larry.D.Lefczik@...
<mailto:Larry.D.Lefczik%40lmco.com> >
To: "ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> "
<ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >

Sent: Mon, 22 November, 2010 7:22:38 PM
Subject: RE: EXTERNAL: Re: [ic706] ic706 and power supply

I am wondering, before we shoot the tester, can anyone else perform the same

experiments and post his/their results?

I can understand the supply voltage affecting the output, but that is a
large
percentage change for a small voltage variation.

Rakesh-
I have lost track of your testing method.

What mode (FM, RTTY, SSB) are you using?

Are you watching the WATT meter while adjusting the supply or are you taking

discrete samples?

What are you using to measure radio output power?

What are you using to measure supply voltage?

Etc...

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf
Of Jeff
Moore
Sent: Saturday, November 20, 2010 1:24 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: EXTERNAL: Re: [ic706] ic706 and power supply

0.4 vdc should not make 35 watts difference in the output of the radio(s)!
There's either something wrong with your radio(s) or your test setup.

Jeff Moore -- KE7ACY
CN94

----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Saturday, November 20, 2010 10:00 AM
Subject: Re: [ic706] ic706 and power supply

Dear Jack,
This is happening with both of my 706s... you mean I repair both the radios
!!!!!! as both give 65 watts @ 13.6v !!!!!! and 100 watts @ 14.00+ v....both

radios are almost new .....

Rakesh
vu2rak

_____
From: Jack <jack.mrfixit198@... <mailto:jack.mrfixit198%40gmail.com> >
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Sat, 20 November, 2010 10:39:35 PM
Subject: Re: [ic706] ic706 and power supply

NO I think you should repair the 706MIIG so that it puts out the 100watts at

13.6VDC that way you do not harm the radio with over voltage spikes or have
to "mod" the power supply so that it is only good for one radio.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@... <mailto:vu2rak%40yahoo.com> >
To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Sent: Saturday, November 20, 2010 14:50
Subject: [ic706] ic706 and power supply

> I have been doing some experiment using supply MFJ-4125, which gives
> 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out
> only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But
> as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio
> needs 14v
> to give full 100 watts output . This means that I will have to adjust
> out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18434. 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 14:38:20 UTC
From: Rakesh Kapoor
Topic: 18385  Message: 18434

Am I doing wrong by asking/seeking help on my technical problem related to IC706!!!!

Rakesh
vu2rak

[Non-text portions of this message have been removed]

# 18435. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 15:05:17 UTC
From: Larry J. Ford
Topic: 18385  Message: 18435

No, but after a while of relying upon the listserve without resolution, you may reach the point of diminishing returns; then, as someone suggested, you may need to take the problem to those theoretically most capable of diagnosing and correcting the problem - an ICOM service center.

Also, the fellow's suggestion to connect the radio to a freshly and fully-charged car battery as a comparison to the AC-driven power supplies seemed to have merit.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Rakesh Kapoor
To: ic706@yahoogroups.com
Sent: Monday, November 22, 2010 9:38 AM
Subject: [ic706] 706 and pwer supply

Am I doing wrong by asking/seeking help on my technical problem related to IC706!!!!

Rakesh
vu2rak

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18436. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 17:01:36 UTC
From: Mark Brueggemann
Topic: 18385  Message: 18436

----- Original Message -----
From: Rakesh Kapoor

> Am I doing wrong by asking/seeking help on my
> technical problem related to IC706!!!!

I find it curious that two 706's did the same thing. This
to me says to look at the common elements, namely the power
supply already mentioned and something that I think is suspect,
and that is your RF load. I recall you mentioned it was an
antenna and it really needs to be resistive load, not only
to rule out any reactance but also common mode energy and possible
RF overload into your supply. Remove as many variables from your
test as possible. There's still not enough information to go on
to help isolate your problem.

Mark K5LXP
Albuquerque, NM

# 18437. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 17:09:01 UTC
From: Rakesh Kapoor
Topic: 18385  Message: 18437

sorry....no more discussions......

Rakesh
vu2rak

_____
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Sent: Mon, 22 November, 2010 10:31:36 PM
Subject: Re: [ic706] 706 and pwer supply

----- Original Message -----
From: Rakesh Kapoor

> Am I doing wrong by asking/seeking help on my
> technical problem related to IC706!!!!

I find it curious that two 706's did the same thing. This
to me says to look at the common elements, namely the power
supply already mentioned and something that I think is suspect,
and that is your RF load. I recall you mentioned it was an
antenna and it really needs to be resistive load, not only
to rule out any reactance but also common mode energy and possible
RF overload into your supply. Remove as many variables from your
test as possible. There's still not enough information to go on
to help isolate your problem.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 18438. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-22 18:15:23 UTC
From: Mike Rodgers
Topic: 18385  Message: 18438

As I said before I suspect that mfj supply.
If your 14.0 volt supply is a good regulated quality supply I would use it and put the mfj to use for miscelaneous purposes. I wouldn't worry any at all about 14.0 if that's what it is.

Happy QSO'ing. Mike R

On Nov 22, 2010, at 11:09 AM, Rakesh Kapoor <vu2rak@...> wrote:

sorry....no more discussions......

Rakesh
vu2rak

---
From: Mark Brueggemann <qrq_cw@yahoo.com>
To: ic706@yahoogroups.com
Sent: Mon, 22 November, 2010 10:31:36 PM
Subject: Re: [ic706] 706 and pwer supply

----- Original Message -----
From: Rakesh Kapoor

> Am I doing wrong by asking/seeking help on my
> technical problem related to IC706!!!!

I find it curious that two 706's did the same thing. This
to me says to look at the common elements, namely the power
supply already mentioned and something that I think is suspect,
and that is your RF load. I recall you mentioned it was an
antenna and it really needs to be resistive load, not only
to rule out any reactance but also common mode energy and possible
RF overload into your supply. Remove as many variables from your
test as possible. There's still not enough information to go on
to help isolate your problem.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18439. Re: [ic706] 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-23 19:52:08 UTC
From: Mark Robinson
Topic: 18385  Message: 18439

no need to apologize Rakesh. That is the purpose of this group and why pc's
have a delete key.

73 Mark N1UK

----- Original Message -----
From: "Rakesh Kapoor" <vu2rak@...>
To: <ic706@yahoogroups.com>
Sent: Monday, 22 November, 2010 12:09 PM
Subject: Re: [ic706] 706 and pwer supply

> sorry....no more discussions......
>
> Rakesh
> vu2rak
>
>
>
>
>
> _____
> From: Mark Brueggemann <qrq_cw@...>
> To: ic706@yahoogroups.com
> Sent: Mon, 22 November, 2010 10:31:36 PM
> Subject: Re: [ic706] 706 and pwer supply
>
>
>
> ----- Original Message -----
> From: Rakesh Kapoor
>
>> Am I doing wrong by asking/seeking help on my
>> technical problem related to IC706!!!!
>
> I find it curious that two 706's did the same thing. This
> to me says to look at the common elements, namely the power
> supply already mentioned and something that I think is suspect,
> and that is your RF load. I recall you mentioned it was an
> antenna and it really needs to be resistive load, not only
> to rule out any reactance but also common mode energy and possible
> RF overload into your supply. Remove as many variables from your
> test as possible. There's still not enough information to go on
> to help isolate your problem.
>
> Mark K5LXP
> Albuquerque, NM

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18440. 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-23 13:38:08 UTC
From: SaTeLlItE
Topic: 18440  Message: 18440

For the life of me, can i get the 706 aligned! nope. sod all adjustments for VHF/UHF VCO alignments.

you have a 60.0000Mhz center frequency and thats it, with locking voltages..

Reason, my Mk2 G is 3Hz off , peed me off a bit on SSB VHF. On HF its spot on.

any one got any info regarding other radios like this, possible cures?

Nope cant be bothered with sending it to ICOM either. Seen a post back along.. came back the same.. I will just live with it.. Dial another 3Hz above!.. RX and TX kweel then..

# 18441. Re: 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-23 13:32:52 UTC
From: SaTeLlItE
Topic: 18385  Message: 18441

Hey all, been down this road with the icom 706mk2g

Power to RF output. Seems like its a 706 thing.

let me explain, My Mk2 hits 100W just on 10Meters, 20Meters 125W. 40 meters 130W and 80 meters 140W.

Thats at 13.8Vdc.. and the PSU is a 35 amp switch mode , with the Icom Lead.

At 11.85VDC to emulate my car battery. 10 Meters 90W, 20 Meters 95W, 40 meters 105W. 80 meters 110W.

I get a good 100W on 6 Meters also..

BUT had to set up the radio to do this,

Page 63 in the user manual shows

430MHZ power adjust
144MHZ
50MHZ
HF power
AM tx carrier adj
These are the adjustment pots for TX power.

The 706 has a flaw. When u wind these pots up on 13.8VDC, at 12VDC the output power is alot lower u would need to turn the internal pots up to compensate. Just to bring the RF back up .

Also if u wind up the power, for 12VDC, when ur at 13.8VDC, the ICOM limits the power. The Set RF power menu setting gets to overdrive at the "H" and u have to back it off in the menu settings, or it will go past the " Too much drive"... point.

For some reason, the 706 drops the RF back, I think it has some sort of over voltage bias sence for the Finals..

PSU Switch mode, variable Voltage with Digital Meter.35 AMp Max, backed up with a DVM

50Ohm oil filled Bird dummy load
Avair SX600 SWR/Power meter.

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> As I said before I suspect that mfj supply.
> If your 14.0 volt supply is a good regulated quality supply I would use it and put the mfj to use for miscelaneous purposes. I wouldn't worry any at all about 14.0 if that's what it is.
>

> Happy QSO'ing. Mike R
>
> On Nov 22, 2010, at 11:09 AM, Rakesh Kapoor <vu2rak@...> wrote:
>
> sorry....no more discussions......
>
> Rakesh
> vu2rak
>
> _____
> From: Mark Brueggemann <qrq_cw@...>
> To: ic706@yahoogroups.com
> Sent: Mon, 22 November, 2010 10:31:36 PM
> Subject: Re: [ic706] 706 and pwer supply
>
> ----- Original Message -----
> From: Rakesh Kapoor
>
> > Am I doing wrong by asking/seeking help on my
> > technical problem related to IC706!!!!
>
> I find it curious that two 706's did the same thing. This
> to me says to look at the common elements, namely the power
> supply already mentioned and something that I think is suspect,
> and that is your RF load. I recall you mentioned it was an
> antenna and it really needs to be resistive load, not only
> to rule out any reactance but also common mode energy and possible
> RF overload into your supply. Remove as many variables from your
> test as possible. There's still not enough information to go on
> to help isolate your problem.
>
> Mark K5LXP
> Albuquerque, NM
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18442. Re:

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-24 00:12:31 UTC
From: pedro afonso
Topic: 18442  Message: 18442

what band or modes is the frequency shift??

[Non-text portions of this message have been removed]

# 18443. Re: [ic706] 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-24 12:40:15 UTC
From: Deacon Dave
Topic: 18440  Message: 18443

Change the phase lock crystal in the 60,000,000 HZ circuit to a temperature controlled Cesium Beam standard. 3Hz out of 60,000,000 is one part in 20 million. Excellent for a crystal based system.

You should learn how to read specifications. The frequency accuracy is independent of frequency stability. Frequency stability, AKA drift, is dependent on power supply regulation, power supply ripple voltage, ambient temperature at the crystal, PLL gain versus temperature, closed loop gain stability versus voltage, closed loop gain versus temperature, component aging, component temperature variations, ... the list goes on.

Every frequency reference has an accuracy and a drift specification.

3HZ out of 60,000,000 HZ is extremely good. As I facetiously mentioned in the opening line, if you want the best accuracy and stability available then mortgage your home and purchase a Cesium Beam standard. But, when you use it inside a closed Phase Locked Loop, PLL, you lose the accuracy of the standard due to gain variations in the loop as a function of the loop aging and environment.

The CR-282 stabilized crystal will give an order of magnitude improvement in both accuracy and stability, if your frequency meter has accuracy and stability in the 10^9 th range so that you can get it on frequency to begin with.

----- Original Message -----
From: SaTeLlItE
To: ic706@yahoogroups.com
Sent: Tuesday, November 23, 2010 8:38 AM
Subject: [ic706] 3HZ VHF UHF off frequency

For the life of me, can i get the 706 aligned! nope. sod all adjustments for VHF/UHF VCO alignments.

you have a 60.0000Mhz center frequency and thats it, with locking voltages..

Reason, my Mk2 G is 3Hz off , peed me off a bit on SSB VHF. On HF its spot on.

any one got any info regarding other radios like this, possible cures?

Nope cant be bothered with sending it to ICOM either. Seen a post back along.. came back the same.. I will just live with it.. Dial another 3Hz above!.. RX and TX kweel then..

[Non-text portions of this message have been removed]

# 18444. Re: ic706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-24 13:53:41 UTC
From: phil_ad5x
Topic: 18415  Message: 18444

Check the voltage at the radio. I've seen voltage drops through the DC cable when the in-line fuse holders start going bad (the fuse contacts start getting loose over time). I've always clipped out those louse cartridge fuse holders and replaced them with good automotive blade-type fuse holders.

Phil - AD5X

--- In ic706@yahoogroups.com, Rakesh Kapoor <vu2rak@...> wrote:
>
> I have been doing some experiment using supply MFJ-4125, which gives 13.6v,
> and another supply that gives 14.06v. With MFJ- 4125, I got 65 watts out only.
> I did this test with two of my IC706MK2G and 3 different DC cables. But as I
> connect radios with a supply which gives 14v, I get full 100 watts.
>
>
> After all these tests, I have come to this conclusion that my radio needs 14v
> to give full 100 watts output . This means that I will have to adjust out put
> voltage of my 4125 to near 14. v. You think I should do that???
>
> Rakesh
> vu2rak
>
>
>
> [Non-text portions of this message have been removed]
>

# 18445. RE: EXTERNAL: [ic706] Re: 706 and pwer supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-24 14:03:49 UTC
From: Lefczik, Larry D
Topic: 18385  Message: 18445

You did not list the spectrum analyzer used to confirm signal purity when above the rated power that Icom used for alignment of your radio.

At the price of the final amplifier transistors, I don't know if the extra dB of signal is worth the risk.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of SaTeLlItE
Sent: Tuesday, November 23, 2010 8:33 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] Re: 706 and pwer supply

Hey all, been down this road with the icom 706mk2g

Power to RF output. Seems like its a 706 thing.

let me explain, My Mk2 hits 100W just on 10Meters, 20Meters 125W. 40 meters 130W and 80 meters 140W.

Thats at 13.8Vdc.. and the PSU is a 35 amp switch mode , with the Icom Lead.

At 11.85VDC to emulate my car battery. 10 Meters 90W, 20 Meters 95W, 40 meters 105W. 80 meters 110W.

I get a good 100W on 6 Meters also..

BUT had to set up the radio to do this,

Page 63 in the user manual shows

430MHZ power adjust
144MHZ
50MHZ
HF power
AM tx carrier adj
These are the adjustment pots for TX power.

The 706 has a flaw. When u wind these pots up on 13.8VDC, at 12VDC the output power is alot lower u would need to turn the internal pots up to compensate. Just to bring the RF back up .

Also if u wind up the power, for 12VDC, when ur at 13.8VDC, the ICOM limits the power. The Set RF power menu setting gets to overdrive at the "H" and u have to back it off in the menu settings, or it will go past the " Too much drive"... point.

For some reason, the 706 drops the RF back, I think it has some sort of over voltage bias sence for the Finals..

PSU Switch mode, variable Voltage with Digital Meter.35 AMp Max, backed up with a DVM

50Ohm oil filled Bird dummy load
Avair SX600 SWR/Power meter.

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> As I said before I suspect that mfj supply.
> If your 14.0 volt supply is a good regulated quality supply I would use it and put the mfj to use for miscelaneous purposes. I wouldn't worry any at all about 14.0 if that's what it is.
>
> Happy QSO'ing. Mike R
>
> On Nov 22, 2010, at 11:09 AM, Rakesh Kapoor <vu2rak@...> wrote:
>
> sorry....no more discussions......
>
> Rakesh
> vu2rak
>
> _____
> From: Mark Brueggemann <qrq_cw@...>
> To: ic706@yahoogroups.com
> Sent: Mon, 22 November, 2010 10:31:36 PM
> Subject: Re: [ic706] 706 and pwer supply
>
> ----- Original Message -----
> From: Rakesh Kapoor
>
> > Am I doing wrong by asking/seeking help on my
> > technical problem related to IC706!!!!
>
> I find it curious that two 706's did the same thing. This
> to me says to look at the common elements, namely the power
> supply already mentioned and something that I think is suspect,
> and that is your RF load. I recall you mentioned it was an
> antenna and it really needs to be resistive load, not only
> to rule out any reactance but also common mode energy and possible
> RF overload into your supply. Remove as many variables from your
> test as possible. There's still not enough information to go on
> to help isolate your problem.
>
> Mark K5LXP
> Albuquerque, NM
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

# 18446. Re: [ic706] 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-24 15:41:06 UTC
From: pedroafonso2@yahoo.com
Topic: 18440  Message: 18446

3 hz. i though it was 3khz. So yes he is right. It is within crystal spec.

[Non-text portions of this message have been removed]

# 18447. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 03:52:14 UTC
From: noskosteve
Topic: 18440  Message: 18447

--- "Deacon Dave" wrote:

Lotsa' good stuff and I concurr. 3 Hz is spectatular (assuming your frequency counter is more accurate than that by enough to measure that error. If it is 3 Hz off at 60M then it'll be a whopping 7.2 Hz off on 2! Oh the humanity!
Uh, Sorry for the humor....

However, I take issue with the following:

> But, when you use it inside a closed Phase Locked Loop, PLL, you lose the accuracy of the standard due to gain variations in the loop as a function of the loop aging and environment.

Actually, with true phase lock, which all modern designs are, the accuracy of the output of a PLL (in ppm) is equal to the reference. When you lock phase there can be no frequency error. For a frequency error to occur there must be a constant phase slip (not just a constant phase error, which *may* be allowed). Modern phase detectors don't allow that. They are type II or above (with the addition of additional integration). (I designed PLL synthesizers).
Also, the fine frequency steps are done with DDS techniques which also insure phase lock. Fractional N, if used, but I doubt it, is phase locked as well.

Then:
> The CR-282 stabilized crystal will give an order of magnitude improvement in both accuracy and stability, if your frequency meter has accuracy and stability in the 10^9 th range so that you can get it on frequency to begin with.

True, just remember that a heated crystal has a warm-up time and will start quite high in frequency until the crystal gets to temperature. Therefore, they have much more warm-up drift than a non ovenized crystal, which will have little. An AT cut for an oven at about 60 Deg C will have 6-7 ppm drift downward during warm-up. That's 864 to 1008 Hz warm up drift. I do not know what temp the CR-282 runs at.

73, Steve, K9DCI

----- Original Message -----
> From: SaTeLlItE
> To: ic706@yahoogroups.com
> Sent: Tuesday, November 23, 2010 8:38 AM
> Subject: [ic706] 3HZ VHF UHF off frequency
>
>
>
> For the life of me, can i get the 706 aligned! nope. sod all adjustments for VHF/UHF VCO alignments.
>
> you have a 60.0000Mhz center frequency and thats it, with locking voltages..

>
> Reason, my Mk2 G is 3Hz off , peed me off a bit on SSB VHF. On HF its spot on.
>
> any one got any info regarding other radios like this, possible cures?
>
> Nope cant be bothered with sending it to ICOM either. Seen a post back along.. came back the same.. I will just live with it.. Dial another 3Hz above!.. RX and TX kweel then..
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18448. Re: 706, power supply and Pout

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 04:47:31 UTC
From: noskosteve
Topic: 18385  Message: 18448

Several answers.

Mike R.
If you have to go down to 5W to eliminate distortion, you may have RF in the shack (radio/mic).

Hi Rakesh,

You're not wrong to ask questions, but you must realize that most hams aren't repair technicians, or engineers and haven't designed transceivers and can only tell what they learned from others -- whether it is well founded and correct or not.

While it may seem that you should expect 100 Watts out of your transmitter, you must be willing to accept less than ideal performance. Expecting 100 watts regardless of supply voltage is unreasonable.

My initial though, from what you describe, is: I wonder if you *really* have a problem....Though 65 W on CW does sound low, it's the only thing I see in your original post.

Factors you (and others) must consider.

1 - If you are measuring the power supply voltage *under Load* then the power supply almost CANNOT be causing trouble. Unless ...there is some ripple or strange oscillation that averages out to the measured DC voltage, yet is driving the power control loop 706 crazy. [I disagree with Mike R.]

2 - Manufacturers specify output at some input voltage, but they may not say *where* it is measured. It could be measured at the radio's connector. It MAY NOT be as you expect, at the far end of the power cable. You don't say *where* you measure it and I don't know where Icom specs it.

3 - Radios *WILL* vary in power with supply voltage. You absolutely cannot expect 100 Watts all the time regardless of supply voltage. If the radio has a power control loop, it can keep it closer, but not exact and not as the voltage drops. See #2 & #4

4 - The accuracy of the watt meter. It really up to it's spec?

4 - Variations of 25 % in power, though seemingly large, are only ONE dB. Not enough to be concerned about, or notice, in the real world. Radio designers know this and don't want to put more cost into the radio when the Amateur is so cost sensitive. I designed for Motorola and it takes $$ to get high quality performance under all conditions all the time and for a long time... LOTS of $$.

5 - A fully charged car battery for a reference to measure power is only a little over 12 volts, not the spec'd 13.8. See #3.

6 - If two radios show the same characteristic, one conclusion could be the power source, HOWEVER, another could be simply the radio's design behaves that way. See #4

7 - No, SaTeLlItE, you don't turn the power up with 12 V on the radio. You only set the power with 13.8 at the point Icom specifies to measure it. Then you take the variations with supply voltage that occur.

Finally, I'm not sure what you are looking for in an answer. My recommendation is to try contacting Icom or, perhaps AES repair to see if this is normal behavior or looks like a true problem.

73, Steve, K9DCI

# 18449. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 13:31:44 UTC
From: SaTeLlItE
Topic: 18440  Message: 18449

You guys, what do you lot live on? Not the same air as me, iam sure!..

Right, so u think i am thick as shit!..

How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.

The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM.

HF is perfect. Spot/BANG on freq. Shall i say that again!..

If i dial in 144.300.3 then the radio is actually on 144.300. And yes my Freq counter is right..backed up my on air QSO`s also.

SO for the second time.. iam asking, WHY?..

The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.

Usefull posts please!..

# 18450. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 13:52:56 UTC
From: KC5GNB
Topic: 18440  Message: 18450

You must be thick as something if you don't know the difference between
3 Hz and 300 Hz. It seems you did a pretty good job of describing yourself.

On 11/25/2010 7:31 AM, SaTeLlItE wrote:
>
>
>
> You guys, what do you lot live on? Not the same air as me, iam sure!..
>
> Right, so u think i am thick as shit!..
>
> How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT
> TO BE.
>
> The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial
> 3Hz higher. You dont notice it on FM/AM.
>
> HF is perfect. Spot/BANG on freq. Shall i say that again!..
>
> If i dial in 144.300.3 then the radio is actually on 144.300. And yes
> my Freq counter is right..backed up my on air QSO`s also.
>
> SO for the second time.. iam asking, WHY?..
>
> The service manual has no mention of alignment on the VCO frequency,
> for VHF/UHF.. except the main occilator at 60MHZ.. which by the way
> COVERS ALL THE RADIO.
>
> Usefull posts please!..
>
>

--
Whoever controls the information, controls the world.

KC5GNB

[Non-text portions of this message have been removed]

# 18451. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 17:12:37 UTC
From: Deacon Dave
Topic: 18440  Message: 18451

Why? It's been answered ... stability and accuracy.

----- Original Message -----
From: SaTeLlItE
To: ic706@yahoogroups.com
Sent: Thursday, November 25, 2010 8:31 AM
Subject: [ic706] Re: 3HZ VHF UHF off frequency

You guys, what do you lot live on? Not the same air as me, iam sure!..

Right, so u think i am thick as shit!..

How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.

The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM.

HF is perfect. Spot/BANG on freq. Shall i say that again!..

If i dial in 144.300.3 then the radio is actually on 144.300. And yes my Freq counter is right..backed up my on air QSO`s also.

SO for the second time.. iam asking, WHY?..

The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.

Usefull posts please!..

[Non-text portions of this message have been removed]

# 18452. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 19:54:43 UTC
From: Joe Isabella
Topic: 18440  Message: 18452

Well, I'm going to add some here. Hopefully calmer attitudes can prevail...

As was already said, you posted apparently inaccurate information about the symptom. 3 Hz error on VHF is nothing, and I was quite surprised someone would post about that. I can tell that much error by ear on SSB (I can hear the phase shifting), but most folks can't. I was about to give you kudos for being able to. However, your last post is stating a 300 Hz error, which is quite significant, and an entirely different situation. You're lashing out at the folks here telling you the rig is fine at 3 Hz error on VHF, and it would be. Now you're describing a 300 Hz error. Totally different story. That would equate to a 30 Hz error on 20m, which is probably something you CAN align, and may NOT notice if people aren't on top of it. I suggest you get on WWV and tweak the master oscillator until you can't hear a difference between USB & LSB when tuned to xx.000.000 on the display (try to use 15 MHz WWV feed -- it will get your adjustment closer than using 5 or 10 MHz). That's one method. I prefer using two receivers, one on AM listening to WWV, and the radio getting aligned on SSB tuned to the same WWV signal (have both about the same volume on speakers, not headphones). Now adjust the oscillator until the two receivers are EXACTLY zero beat. Also, let the rig completely warm up before adjusting. From that point on, you should be VERY close to dead-on frequency...

As I mentioned, I'm very particular with my freq tuning when I'm on SSB, so I keep my rigs very close to zero-beat with WWV. I'm not one of those ".000" guys -- I tune by ear, not by the numbers on the display...

Joe, N3JI

---

From: SaTeLlItE <satelliteone@...>
To: ic706@yahoogroups.com
Sent: Thu, November 25, 2010 7:31:44 AM
Subject: [ic706] Re: 3HZ VHF UHF off frequency

You guys, what do you lot live on? Not the same air as me, iam sure!..

Right, so u think i am thick as shit!..

How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.

The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM.

HF is perfect. Spot/BANG on freq. Shall i say that again!..

If i dial in 144.300.3 then the radio is actually on 144.300. And yes my Freq counter is right..backed up my on air QSO`s also.

SO for the second time.. iam asking, WHY?..

The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.

Usefull posts please!..

[Non-text portions of this message have been removed]

# 18453. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-25 20:11:59 UTC
From: Jack
Topic: 18440  Message: 18453

SEND IT TO ICOM FOR ADJUSTMENT! I have read all your posts! you are an appliance operator and should not be allowed to open the cover EVER have someone with the knowledge and experience work on the radio. 3hz is not worth the time 300 Hz is. if your hearing is that sensitive and you are that worried about the LAST digit being spot on but I will tell you that MOST people are not going to worry or care about 3hz.

N6UYB
Jack E. Foster
----- Original Message -----
From: "SaTeLlItE" <satelliteone@...>
To: <ic706@yahoogroups.com>
Sent: Thursday, November 25, 2010 13:31
Subject: [ic706] Re: 3HZ VHF UHF off frequency

>
>
> You guys, what do you lot live on? Not the same air as me, iam sure!..
>
> Right, so u think i am thick as shit!..
>
>
> How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
> BE.
>
> The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz
> higher. You dont notice it on FM/AM.
>
> HF is perfect. Spot/BANG on freq. Shall i say that again!..
>
> If i dial in 144.300.3 then the radio is actually on 144.300. And yes my
> Freq counter is right..backed up my on air QSO`s also.
>
> SO for the second time.. iam asking, WHY?..
>
> The service manual has no mention of alignment on the VCO frequency, for
> VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL
> THE RADIO.
>
> Usefull posts please!..
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

# 18454. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-26 02:36:51 UTC
From: noskosteve
Topic: 18440  Message: 18454

Joe I hit a few of these, but ity took me all day, with family here, to put this rtogether....

Here's a Very "useful" post.

--- "SaTeLlItE" wrote:
> How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.

YOU'RE the one who said it is only 3 Hz off:
""""""" >> The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM. << """""""

Read my lips. That is ON FREQ by any appropriate measure! DONE! and I could stop here, but...

OK. So you made a mistake. Isn't it natural for us to look for other potential mistakes first -- so we aren't chasing bad data to solve a non-existent problem? ... of course. Even if you had it correct at first we'd still do the same thing to make sure all is in order. Measurements are not trivial, in spite of what some may think.

DOWN TO BUSINESS... What *is* it "meant to be".

> SO for the second time.. iam asking, WHY?..

> If i dial in 144.300.3 then the radio is actually on 144.300.

SO... Your Radio's frequency is 300 HZ low on 2 meters with respect to someone else on 2 meters. This is 2.08 ppm. The radio has a spec of +/- 5 PPM, so this is WITHIN SPEC and is NOT a problem. 5 ppm is +/- 720 Hz.

That is what it is "...MEANT TO BE.". Read my lips. That is *also* ON FREQ by any appropriate measure. DONE! and I could also stop here, but...

HOWEVER.

If you want to set it closer, go ahead, but keep in mind that Icom has a warm up spec.
It can drift up to 7ppm in the first 60 minutes, or on 2 meters this is 1,000 Hz (1 kHz.). After that, on 2 meters, it can drift up to about 144 Hz per hour. This shouldn't continue forever, but it can drift around a little as the radio heats and cools. Crystals *DO* move around in frequency. They are *NOT* absolutely stable. If you want to see a temperature curves for the commonly used crystals, let me know.
Depending on the temperature the master oscillator is at, it can then vary by those same 5ppm or 720 Hz. From freezing to 50C or 122F. It does, however, follow a predictable frequency vs. temperature curve.

So ...you must let it warm up THEN set it. With a calibrated frequency counter you must use AM or FM to measure carrier frequency. OR you can zero beat WWV in SSB by using the "switching between USB and LSB" method.

Now. On to HF:
This would only be 30 HZ on 20 meters
This would only be 15 Hz on 40 meters
This would be only 7.5 Hz on 7

You say:
> HF is perfect. Spot/BANG on freq. Shall i say that again!

Can you tell 30 Hz error on SSB? I 'probably' tell the 30 Hz., but much less. Many hams I hear are 50 to 100 Hz. apart and sometimes more, in one QSO on HF.

A - HOW do you measure the "Spot-on" on "HF" ?? Is this with the freq counter? What is the Freq counter? Less expensive frequency counters *could* be less accurate higher in freq if the gating is not well done. I've seen this. See "D". Using others on the air is only a fair way to do it. If you are on Sideband, it depends on how you tune it in.

> And yes my Freq counter is right..backed up my on air QSO`s also.

B - What do you mean by this? How close it it? 1PPM, 0.1ppm, 0.01 ppm.? Have you calibrated, or checked, the frequency counter, say, against WWV? If you have you should be able to say how close it is.

C - How *Many* 'on air' radios was this checked against...more than one? If only one, how do you know *that* radio is not off, rather than you.

D - Have you checked the radio against WWV and if you have, what method do you use to determine zero beat? Modern radios are not simple to get true zero beat. REMEMBER that frequency counters also have a crystal as the reference...

E - If it is 300 Hz off on 2 meters, HOW far off is it in 440? It should be 900 Hz.

All these questions have an answer. They can help to identify what, if any, the problem is.

> The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.

You answered your own question here. The master oscillator "COVERS ALL THE RADIO". Set it and all bands are on.

BTW: My "lot" is 36+ years as a radio development engineer with lab equipment that gets calibrated every year as well as a Navy electronics technician. I now use some HP equipment. I can check my HP counter against WWV among other things.

> Usefull posts please!..
Was this useful enough??

--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

Up to date APRS Beginner Guide - updated Aug-2010
http://K9DCI.home.comcast.net
Click the APRS Beginner INFO link under Contact

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.

All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
(NOT D710)

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

How'd I do on the Authority meter??

# 18455. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-26 03:03:25 UTC
From: noskosteve
Topic: 18440  Message: 18455

I see I have some typos:

>>> If you want to see temperature curves for the commonly used crystals, let me know. Or you can Google Beachman's curves for AT Cut crystals.

>>> This would be only 7.5 Hz on 7

This would be only 7.5 Hz on 75/80 meters.

--- In ic706@yahoogroups.com, "noskosteve" <noskosteve@...> wrote:
>
>
>
> Joe I hit a few of these, but ity took me all day, with family here, to put this rtogether....
>
> Here's a Very "useful" post.
>
> --- "SaTeLlItE" wrote:
> > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.
>
> YOU'RE the one who said it is only 3 Hz off:
> """""" >> The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM. << """""""
>
> Read my lips. That is ON FREQ by any appropriate measure! DONE! and I could stop here, but...
>
>
> OK. So you made a mistake. Isn't it natural for us to look for other potential mistakes first -- so we aren't chasing bad data to solve a non-existent problem? ... of course. Even if you had it correct at first we'd still do the same thing to make sure all is in order. Measurements are not trivial, in spite of what some may think.
>
> DOWN TO BUSINESS... What *is* it "meant to be".
>
> > SO for the second time.. iam asking, WHY?..
>
> > If i dial in 144.300.3 then the radio is actually on 144.300.
>
> SO... Your Radio's frequency is 300 HZ low on 2 meters with respect to someone else on 2 meters. This is 2.08 ppm. The radio has a spec of +/- 5 PPM, so this is WITHIN SPEC and is NOT a problem. 5 ppm is +/- 720 Hz.
>
> That is what it is "...MEANT TO BE.". Read my lips. That is *also* ON FREQ by any appropriate measure. DONE! and I could also stop here, but...

>
>
> HOWEVER.
>
> If you want to set it closer, go ahead, but keep in mind that Icom has a warm up spec.
> It can drift up to 7ppm in the first 60 minutes, or on 2 meters this is 1,000 Hz (1 kHz.).
> After that, on 2 meters, it can drift up to about 144 Hz per hour. This shouldn't continue forever, but it can drift around a little as the radio heats and cools. Crystals *DO* move around in frequency. They are *NOT* absolutely stable.
If you want to see temperature curves for the commonly used crystals, let me know. Or you can Google Beachman's curves for AT Cut crystals.

> Depending on the temperature the master oscillator is at, it can then vary by those same 5ppm or 720 Hz. From freezing to 50C or 122F. It does, however, follow a predictable frequency vs. temperature curve.
>
> So ...you must let it warm up THEN set it. With a calibrated frequency counter you must use AM or FM to measure carrier frequency. OR you can zero beat WWV in SSB by using the "switching between USB and LSB" method.
>
> Now. On to HF:
> This would only be 30 HZ on 20 meters
> This would only be 15 Hz on 40 meters
> This would be only 7.5 Hz on 75/80 meters
>
> You say:
> > HF is perfect. Spot/BANG on freq. Shall i say that again!
>
> Can you tell 30 Hz error on SSB? I 'probably' tell the 30 Hz., but much less. Many hams I hear are 50 to 100 Hz. apart and sometimes more, in one QSO on HF.
>
> A - HOW do you measure the "Spot-on" on "HF" ?? Is this with the freq counter? What is the Freq counter? Less expensive frequency counters *could* be less accurate higher in freq if the gating is not well done. I've seen this. See "D". Using others on the air is only a fair way to do it. If you are on Sideband, it depends on how you tune it in.
>
> > And yes my Freq counter is right..backed up my on air QSO`s also.
>
> B - What do you mean by this? How close it it? 1PPM, 0.1ppm, 0.01 ppm.? Have you calibrated, or checked, the frequency counter, say, against WWV? If you have you should be able to say how close it is.
>
> C - How *Many* 'on air' radios was this checked against...more than one? If only one, how do you know *that* radio is not off, rather than you.
>
> D - Have you checked the radio against WWV and if you have, what method do you use to determine zero beat? Modern radios are not simple to get true zero beat. REMEMBER that frequency counters also have a crystal as the reference...
>

> E - If it is 300 Hz off on 2 meters, HOW far off is it in 440? It should be 900 Hz.
>
>
> All these questions have an answer. They can help to identify what, if any, the problem is.
>
>
> > The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.
>
> You answered your own question here. The master oscillator "COVERS ALL THE RADIO". Set it and all bands are on.
>
> BTW: My "lot" is 36+ years as a radio development engineer with lab equipment that gets calibrated every year as well as a Navy electronics technician. I now use some HP equipment. I can check my HP counter against WWV among other things.
>
>
> > Usefull posts please!..
> Was this useful enough??
>
> --
> 73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)
>
> Up to date APRS Beginner Guide - updated Aug-2010
> http://K9DCI.home.comcast.net
> Click the APRS Beginner INFO link under Contact
>
> Manage Radio Memories with an Excel Spreadsheet !
> Click to tune. Click to capture Radio freq.
> All Memories on one page. Cut, Copy, Paste, Print 'em...
> For:
> TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
> All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
> (NOT D710)
>
> More Details, Features and Downloads at:
> http://k9dci.home.comcast.net/
>
> How'd I do on the Authority meter??
>

# 18456. CW Setup problem

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-27 19:26:26 UTC
From: Dan
Topic: 18456  Message: 18456

Just obtained a 706MKII model and after resetting the microprocessor to put it in a known initial state I cannot get cw to work. Voice, ssb etc is alright. When I key the radio, with either a straight key or an automatic keyer the radio goes immediately into reset mode. It acts like I just turned it on again. I have set the cw setups to straight key and etc. Any hints or ideas? I have tried this with high and low power, several different bands, double checked settings also. A friend said it could be a VOX parameter but I check that also.

Dan WA9AJW

# 18457. Re: [ic706] CW Setup problem

Yahoo group: ic706 (2010 — 2015)
Date: 2010-11-30 01:53:59 UTC
From: Ken Winterling
Topic: 18456  Message: 18457

Dan,

If the front panel blanks out when you press the CW key it might be the power cord connector at the radio and/or the fuse holders in the power cord. Both are know to cause trouble. The terminals in the connector become loose and will not support the heavy current drain. They can be carefully squeezed a tiny bit with fine long nose pliers. The same goes for the clips in the fuse holders. Remove the fuses and clean their ends. Slightly snug up the clips and reconnect them to the fuses.

Another possibility is the power supply. Since you say you just obtained the rig are you sure your power supply can produce at least 20A? If it can't it will go into overload and shut down until the load is removed. Another possibility is RF getting into the power supply and shutting it down especially if you are not performing your tests using a dummy load.

Good luck and let us know what you find!

Ken, WA2LBI

On Sat, Nov 27, 2010 at 14:26, Dan <serdan946@...> wrote:

> Just obtained a 706MKII model and after resetting the microprocessor to put
> it in a known initial state I cannot get cw to work. Voice, ssb etc is
> alright. When I key the radio, with either a straight key or an automatic
> keyer the radio goes immediately into reset mode. It acts like I just turned
> it on again. I have set the cw setups to straight key and etc. Any hints or
> ideas? I have tried this with high and low power, several different bands,
> double checked settings also. A friend said it could be a VOX parameter but
> I check that also.
>
> Dan WA9AJW
>

[Non-text portions of this message have been removed]

# 18458. vfo knob does not work

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-02 23:04:53 UTC
From: RAYMOND J
Topic: 18458  Message: 18458

hi
i am having some bad luck here lately...the power switch on mkIIg took a dump{the micro spring went bad}and all the radio would do is turn itself off as soon as it started too turn on.....
so i took the head apart took the switch apart and imediatly lost the spring.....
so i found a carbon button and super glued it to the pc board and the switch worked just fine.....
but now the vfo knob will not function...anybody else here knowwhats going on please tell me what to loo for....

ray jones kc9mob

# 18459. Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-06 19:02:21 UTC
From: Ian
Topic: 18459  Message: 18459

Hi

Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?

I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.

So how do I do it?

Have you done it,

Cheers

Ian
ZL1OGX

# 18460. Re: [ic706] Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-06 22:00:25 UTC
From: ahr1
Topic: 18459  Message: 18460

I had a similar problem with something else (sorry - I can't remember what); I called Icom and they said "just use the other jack on the tuner", and it worked!
Al Rabenau
W3AHR/AFA3RT
----- Original Message -----
From: Ian
To: ic706@yahoogroups.com
Sent: Monday, December 06, 2010 2:02 PM
Subject: [ic706] Y adaptor for Mk2

Hi

Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?

I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.

So how do I do it?

Have you done it,

Cheers

Ian
ZL1OGX

---

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3300 - Release Date: 12/06/10 02:34:00

[Non-text portions of this message have been removed]

# 18461. Adding preamp to IC 706 MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-07 07:47:21 UTC
From: steve
Topic: 18461  Message: 18461

Hello all,

# 18462. Adding preamp to IC 706 MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-07 07:50:53 UTC
From: steve
Topic: 18461  Message: 18462

Hello all,

I want to add a preamp to help my receive on 2 meters-mainly for SSB work. Where would be a good place to disconnect the receive line to interface a preamp? Also, any suggestions for a good preamp? I have an ARR Mosfet or an ARR Gasfet that I can use. I am not sure I can put it internally. I may have to run it outside the case.

Thanks

Steve W4YJ (ex W4SEF)
Please reply to sefritts@...

# 18463. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-07 18:27:57 UTC
From: Ian
Topic: 18459  Message: 18463

Hi Al

OK, knew that there was 2 13 pin and 1 7 pin socket on the back of the tuner, but unsure if they are designed for the likes of a signallink data terminal. Do'nt think that the data will travel to the radio then back to the tuner then out to the antenna somehow, but you never know.

Cheers

Ian

--- In ic706@yahoogroups.com, "ahr1" <ahr1@...> wrote:
>
> I had a similar problem with something else (sorry - I can't remember what); I called Icom and they said "just use the other jack on the tuner", and it worked!
> Al Rabenau
> W3AHR/AFA3RT
> ----- Original Message -----
> From: Ian
> To: ic706@yahoogroups.com
> Sent: Monday, December 06, 2010 2:02 PM
> Subject: [ic706] Y adaptor for Mk2
>
>
>
> Hi
>
> Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?
>
> I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
>
> So how do I do it?
>
> Have you done it,
>
> Cheers
>
> Ian
> ZL1OGX
>
>
>
>

>
>
> ---
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.872 / Virus Database: 271.1.1/3300 - Release Date: 12/06/10 02:34:00
>
>
> [Non-text portions of this message have been removed]
>

# 18464. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-08 22:54:11 UTC
From: tomroot2
Topic: 18459  Message: 18464

To solve this overall problem I bought an LDG RCA-14 breakout box from Universal Radio....Tom Root, WB8UUJ

--- In ic706@yahoogroups.com, "Ian" <zl1ogx@...> wrote:
>
> Hi
>
> Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?
>
> I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
>
> So how do I do it?
>
> Have you done it,
>
> Cheers
>
> Ian
> ZL1OGX
>

# 18465. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-08 23:00:33 UTC
From: tomroot2
Topic: 18459  Message: 18465

To solve this and similar problems I bought an LDG Electronics RCA-14 breakout box from Universal Radio....a bit pricey to be sure, but quite versitile and it can be used for many applications....Tom Root, WB8UUJ

--- In ic706@yahoogroups.com, "Ian" <zl1ogx@...> wrote:
>
> Hi
>
> Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?
>
> I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
>
> So how do I do it?
>
> Have you done it,
>
> Cheers
>
> Ian
> ZL1OGX
>

# 18466. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-09 22:15:41 UTC
From: Ian
Topic: 18459  Message: 18466

Thanks Tom

I have even asked Icom NZ for some advise and so far no definative answer, will keep the LDG unit in mind.

Thanks

--- In ic706@yahoogroups.com, "tomroot2" <wb8uuj@...> wrote:
>
> To solve this and similar problems I bought an LDG Electronics RCA-14 breakout box from Universal Radio....a bit pricey to be sure, but quite versitile and it can be used for many applications....Tom Root, WB8UUJ
>
> --- In ic706@yahoogroups.com, "Ian" <zl1ogx@> wrote:
> >
> > Hi
> >
> > Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?
> >
> > I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
> >
> > So how do I do it?
> >
> > Have you done it,
> >
> > Cheers
> >
> > Ian
> > ZL1OGX
> >
>

# 18467. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-11 06:39:18 UTC
From: steve
Topic: 18440  Message: 18467

What planet is this guy from? 3HZ??? I agree, he should NOT even take the cover off!!

Steve W4YJ

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> SEND IT TO ICOM FOR ADJUSTMENT! I have read all your posts! you are an
> appliance operator and should not be allowed to open the cover EVER have
> someone with the knowledge and experience work on the radio. 3hz is not
> worth the time 300 Hz is. if your hearing is that sensitive and you are that
> worried about the LAST digit being spot on but I will tell you that MOST
> people are not going to worry or care about 3hz.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "SaTeLlItE" <satelliteone@...>
> To: <ic706@yahoogroups.com>
> Sent: Thursday, November 25, 2010 13:31
> Subject: [ic706] Re: 3HZ VHF UHF off frequency
>
>
> >
> > >
> > > You guys, what do you lot live on? Not the same air as me, iam sure!..
> > >
> > > Right, so u think i am thick as shit!..
> > >
> > >
> > > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
> > > BE.
> > >
> > > The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz
> > > higher. You dont notice it on FM/AM.
> > >
> > > HF is perfect. Spot/BANG on freq. Shall i say that again!..
> > >
> > > If i dial in 144.300.3 then the radio is actually on 144.300. And yes my
> > > Freq counter is right..backed up my on air QSO`s also.
> > >
> > > SO for the second time.. iam asking, WHY?..
> > >
> > > The service manual has no mention of alignment on the VCO frequency, for
> > > VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL
> > > THE RADIO.

> >
> > Usefull posts please!..
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18468. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-12 02:05:21 UTC
From: Bob MacDonnell
Topic: 18440  Message: 18468

Actually the diff between 144,300.3 and 144,300 is 0.3 kHz (300 Hz), not 3 Hz.
Bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "steve" <w4sef@...> wrote:
>
> What planet is this guy from? 3HZ??? I agree, he should NOT even take the cover off!!
>
>
> Steve W4YJ
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> >
> > SEND IT TO ICOM FOR ADJUSTMENT! I have read all your posts! you are an
> > appliance operator and should not be allowed to open the cover EVER have
> > someone with the knowledge and experience work on the radio. 3hz is not
> > worth the time 300 Hz is. if your hearing is that sensitive and you are that
> > worried about the LAST digit being spot on but I will tell you that MOST
> > people are not going to worry or care about 3hz.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "SaTeLlItE" <satelliteone@>
> > To: <ic706@yahoogroups.com>
> > Sent: Thursday, November 25, 2010 13:31
> > Subject: [ic706] Re: 3HZ VHF UHF off frequency
> >
> >
> > >
> > >
> > > You guys, what do you lot live on? Not the same air as me, iam sure!..
> > >
> > > Right, so u think i am thick as shit!..
> > >
> > >
> > > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
> > > BE.
> > >
> > > The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz
> > > higher. You dont notice it on FM/AM.
> > >
> > > HF is perfect. Spot/BANG on freq. Shall i say that again!..
> > >
> > > If i dial in 144.300.3 then the radio is actually on 144.300. And yes my
> > > Freq counter is right..backed up my on air QSO`s also.

> > >
> > > SO for the second time.. iam asking, WHY?..
> > >
> > > The service manual has no mention of alignment on the VCO frequency, for
> > > VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL
> > > THE RADIO.
> > >
> > > Usefull posts please!..

# 18469. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-12 02:15:46 UTC
From: Bob MacDonnell
Topic: 18459  Message: 18469

Not EASILY done, but why not make your own? Not much room to work on the connectors, so I'd recommend truly making up a 'Y' with the 3 ends coming to a terminal board or splice connections.
Bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "Ian" <zl1ogx@...> wrote:
>
> Thanks Tom
>
> I have even asked Icom NZ for some advise and so far no definative answer, will keep the LDG unit in mind.
>
> Thanks
>
> --- In ic706@yahoogroups.com, "tomroot2" <wb8uuj@> wrote:
> >
> > To solve this and similar problems I bought an LDG Electronics RCA-14 breakout box from Universal Radio....a bit pricey to be sure, but quite versitile and it can be used for many applications....Tom Root, WB8UUJ
> >
> > --- In ic706@yahoogroups.com, "Ian" <zl1ogx@> wrote:
> > >
> > > Hi
> > >
> > > Was wondering if there is a 'Y' adaptor to fit into the 13 pin accessory socket which provides 2 13 pin sockets?
> > >
> > > I'm getting a tigertronic signallink with the 13 pin adaptor, but I have the at-180 ATU plugged into the back of the radio. So I was thinking how do I attach both at the same time. I know there is the OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
> > >
> > > So how do I do it?
> > >
> > > Have you done it,
> > >
> > > Cheers
> > >
> > > Ian
> > > ZL1OGX

# 18470. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-12 03:50:34 UTC
From: noskosteve
Topic: 18440  Message: 18470

--- In ic706@yahoogroups.com, "Bob MacDonnell" <sv_siddiqi@...> wrote:
> ...(300 Hz), not 3 Hz. Bob ve0rdm/vk4bdm

> --- In ic706@yahoogroups.com, "steve" <w4sef@> wrote:
> > ...he should NOT even take the cover off!!
> > Steve W4YJ

Where you guys been ? This has all been covered. (;-)
See msg 18454:

Re: 3HZ VHF UHF off frequency

Joe I. hit a few of these, but ity took me all day, with family here, to put this together....

Here's a Very "useful" post.

--- "SaTeLlItE" wrote:
> How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO BE.

YOU'RE the one who said it is only 3 Hz off:
""""""" >> The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz higher. You dont notice it on FM/AM. << """""""

Read my lips. That is ON FREQ by any appropriate measure! DONE! and I could stop here, but...

OK. So you made a mistake. Isn't it natural for us to look for other potential mistakes first -- so we aren't chasing bad data to solve a non-existent problem? ... of course. Even if you had it correct at first we'd still do the same thing to make sure all is in order. Measurements are not trivial, in spite of what some may think.

DOWN TO BUSINESS... What *is* it "meant to be".

> SO for the second time.. iam asking, WHY?..

> If i dial in 144.300.3 then the radio is actually on 144.300.

SO... Your Radio's frequency is 300 HZ low on 2 meters with respect to someone else on 2 meters. This is 2.08 ppm. The radio has a spec of +/- 5 PPM, so this is WITHIN SPEC and is NOT a problem. 5 ppm is +/- 720 Hz.

That is what it is "...MEANT TO BE.". Read my lips. That is *also* ON FREQ by any appropriate measure. DONE! and I could also stop here, but...

HOWEVER.

If you want to set it closer, go ahead, but keep in mind that Icom has a warm up spec. It can drift up to 7ppm in the first 60 minutes, or on 2 meters this is 1,000 Hz (1 kHz.). After that, on 2 meters, it can drift up to about 144 Hz per hour. This shouldn't continue forever, but it can drift around a little as the radio heats and cools. Crystals *DO* move around in frequency. They are *NOT* absolutely stable. If you want to see a temperature curves for the commonly used crystals, let me know.
Depending on the temperature the master oscillator is at, it can then vary by those same 5ppm or 720 Hz. From freezing to 50C or 122F. It does, however, follow a predictable frequency vs. temperature curve.

So ...you must let it warm up THEN set it. With a calibrated frequency counter you must use AM or FM to measure carrier frequency. OR you can zero beat WWV in SSB by using the "switching between USB and LSB" method.

Now. On to HF:
This would only be 30 HZ on 20 meters
This would only be 15 Hz on 40 meters
This would be only 7.5 Hz on 7

You say:
> HF is perfect. Spot/BANG on freq. Shall i say that again!

Can you tell 30 Hz error on SSB? I 'probably' tell the 30 Hz., but much less. Many hams I hear are 50 to 100 Hz. apart and sometimes more, in one QSO on HF.

A - HOW do you measure the "Spot-on" on "HF" ?? Is this with the freq counter? What is the Freq counter? Less expensive frequency counters *could* be less accurate higher in freq if the gating is not well done. I've seen this. See "D". Using others on the air is only a fair way to do it. If you are on Sideband, it depends on how you tune it in.

> And yes my Freq counter is right..backed up my on air QSO`s also.

B - What do you mean by this? How close it it? 1PPM, 0.1ppm, 0.01 ppm.? Have you calibrated, or checked, the frequency counter, say, against WWV? If you have you should be able to say how close it is.

C - How *Many* 'on air' radios was this checked against...more than one? If only one, how do you know *that* radio is not off, rather than you.

D - Have you checked the radio against WWV and if you have, what method do you use to determine zero beat? Modern radios are not simple to get true zero beat. REMEMBER that frequency counters also have a crystal as the reference...

E - If it is 300 Hz off on 2 meters, HOW far off is it in 440? It should be 900 Hz.

All these questions have an answer. They can help to identify what, if any, the problem is.

> The service manual has no mention of alignment on the VCO frequency, for VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL THE RADIO.

You answered your own question here. The master oscillator "COVERS ALL THE RADIO". Set it and all bands are on.

BTW: My "lot" is 36+ years as a radio development engineer with lab equipment that gets calibrated every year as well as a Navy electronics technician. I now use some HP

equipment. I can check my HP counter against WWV among other things.

> Usefull posts please!..
Was this useful enough??

--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

How'd I do on the Authority meter??

# 18471. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-11 15:34:12 UTC
From: Dale Parfitt
Topic: 18440  Message: 18471

My first question is what counter are you using? Unless you have the counter time base tied to either a GPS or rubidium standard it cannot be accurate to 3Hz at 144MHz- that is 0.02 PPM- well beyond the capabilities of even my Agilent 53132A- and that's a $4K counter. Just because your counter has the resolution to display 3Hz at 144MHz does not mean that that digit (or the 2 before it) are accurate. That's the difference between resolution and accuracy- and also, I might say WAY better than the specs of the IC-706. On top of that you have to look at the stability characteristics of the 706:

---
Frequency stability Less than ? 7ppm from 1 min. to 60 min. after power ON. After that rate of stability less than ? 1 ppm/hr. at +25 ?C (+77?F). Temperature fluctuations 0?C to +50?C (+32?F to +122?F) less than ?5 ppm.

7PPM equates to 1008Hz at 144MHz.

Next we look at the CR282 high stability TCXO. It spec at 0.5PPM- that's +/- 72 Hz at 144MHz.

So, bottom line is, even if you have a counter that can accurately measure 3Hz at 144MHz (not resolve, but measure), this demand is way beyond the capabilities of the IC-706- any flavor.
You might find the following Agilent App Note enlightening:
http://cp.literature.agilent.com/litweb/pdf/5965-7664E.pdf

Dale W4OP

>> > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
>> > BE.
>> >
>> > The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial
>> > 3Hz
>> > higher. You dont notice it on FM/AM.
>> >
>> > HF is perfect. Spot/BANG on freq. Shall i say that again!..
>> >
>> > If i dial in 144.300.3 then the radio is actually on 144.300. And yes
>> > my
>> > Freq counter is right..backed up my on air QSO`s also.
>> >
>> > SO for the second time.. iam asking, WHY?..
>> >
>> > The service manual has no mention of alignment on the VCO frequency,
>> > for
>> > VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS

>> > ALL
>> > THE RADIO.
>> >
>> > Usefull posts please!..

# 18472. Re: [ic706] Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 12:30:10 UTC
From: Deacon Dave
Topic: 18440  Message: 18472

I suspect that you are 100% correct in the lack of understanding of the difference between accuracy and resolution.

I made the same case about one month ago when this thread started.

I suggest we all let this thread die a second time.

----- Original Message -----
From: Dale Parfitt
To: ic706@yahoogroups.com
Sent: Saturday, December 11, 2010 10:34 AM
Subject: Re: [ic706] Re: 3HZ VHF UHF off frequency

My first question is what counter are you using? Unless you have the counter time base tied to either a GPS or rubidium standard it cannot be accurate to 3Hz at 144MHz- that is 0.02 PPM- well beyond the capabilities of even my Agilent 53132A- and that's a $4K counter. Just because your counter has the resolution to display 3Hz at 144MHz does not mean that that digit (or the 2 before it) are accurate. That's the difference between resolution and accuracy- and also, I might say WAY better than the specs of the IC-706. On top of that you have to look at the stability characteristics of the 706:

_____
Frequency stability Less than ± 7ppm from 1 min. to 60 min. after power ON. After that rate of stability less than ± 1 ppm/hr. at +25 °C (+77°F). Temperature fluctuations 0°C to +50°C (+32°F to +122°F) less than ±5 ppm.

7PPM equates to 1008Hz at 144MHz.

Next we look at the CR282 high stability TCXO. It spec at 0.5PPM- that's +/- 72 Hz at 144MHz.

So, bottom line is, even if you have a counter that can accurately measure 3Hz at 144MHz (not resolve, but measure), this demand is way beyond the capabilities of the IC-706- any flavor.
You might find the following Agilent App Note enlightening:
http://cp.literature.agilent.com/litweb/pdf/5965-7664E.pdf

Dale W4OP

>> > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
>> > BE.
>> >
>> > The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial
>> > 3Hz
>> > higher. You dont notice it on FM/AM.

>> >
>> > HF is perfect. Spot/BANG on freq. Shall i say that again!..
>> >
>> > If i dial in 144.300.3 then the radio is actually on 144.300. And yes
>> > my
>> > Freq counter is right..backed up my on air QSO`s also.
>> >
>> > SO for the second time.. iam asking, WHY?..
>> >
>> > The service manual has no mention of alignment on the VCO frequency,
>> > for
>> > VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS
>> > ALL
>> > THE RADIO.
>> >
>> > Usefull posts please!..

[Non-text portions of this message have been removed]

# 18473. Re: 3HZ VHF UHF off frequency - or not?

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 14:50:38 UTC
From: noskosteve
Topic: 18440  Message: 18473

Hasn't anyone noticed that the OP hasn't been back since several of us answered his "What planet" post and explained all the reasons he does not have a problem, or at least has no way of knowing if he even has a problem? (;-)

73, Steve, K9DCI

# 18474. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 16:23:25 UTC
From: Greg
Topic: 18440  Message: 18474

I hesitated to insert my two cents worth as I am not always the 'brightest bulb in the pack', especially with a problem of this nature. But the solution is pretty obvious to me. If the radio does not perform to your satisfaction THEN GET ONE THAT DOES!!! END OF STORY.

Many times I have bought items, not only inexpensive ones either, that did not do what I thought they should, so they either were fixed or out they go. Life is hard enough without making it overly difficult.

Now, let's all return to our daily net.....

73's all.

--- In ic706@yahoogroups.com, "SaTeLlItE" <satelliteone@...> wrote:
>
> For the life of me, can i get the 706 aligned! nope. sod all adjustments for VHF/UHF VCO alignments.
>
> you have a 60.0000Mhz center frequency and thats it, with locking voltages..
>
> Reason, my Mk2 G is 3Hz off , peed me off a bit on SSB VHF. On HF its spot on.
>
> any one got any info regarding other radios like this, possible cures?
>
> Nope cant be bothered with sending it to ICOM either. Seen a post back along.. came back the same.. I will just live with it.. Dial another 3Hz above!.. RX and TX kweel then..
>

# 18475. Re: [ic706] Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 14:57:55 UTC
From: Robert Sheskin
Topic: 18459  Message: 18475

What I have done here is to use the OPC-599 and a 8 pin cable from Signalink, my amp is controlled by a 7 pin cable, both standard Icom cables as used on radios with both ports. Just remember to disconnect the microphone or all the shack noises wil go out with the digital :-)

73,
Bob N3PPH

On 12/9/2010 5:15 PM, Ian wrote:
>
> Thanks Tom
>
> I have even asked Icom NZ for some advise and so far no definative
> answer, will keep the LDG unit in mind.
>
> Thanks
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> "tomroot2" <wb8uuj@...> wrote:
> >
> > To solve this and similar problems I bought an LDG Electronics
> RCA-14 breakout box from Universal Radio....a bit pricey to be sure,
> but quite versitile and it can be used for many applications....Tom
> Root, WB8UUJ
> >
> > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, "Ian"
> <zl1ogx@> wrote:
> > >
> > > Hi
> > >
> > > Was wondering if there is a 'Y' adaptor to fit into the 13 pin
> accessory socket which provides 2 13 pin sockets?
> > >
> > > I'm getting a tigertronic signallink with the 13 pin adaptor, but
> I have the at-180 ATU plugged into the back of the radio. So I was
> thinking how do I attach both at the same time. I know there is the
> OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
> > >
> > > So how do I do it?
> > >
> > > Have you done it,
> > >
> > > Cheers
> > >
> > > Ian

> > > ZL1OGX
> > >
> >
>
>

[Non-text portions of this message have been removed]

# 18476. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 15:07:58 UTC
From: powerguy480
Topic: 18440  Message: 18476

Shhhhheeeeesh! The guy's radio is off by 300 Hz not 3Hz. 144,300,300Hz is 300Hz NOT 3Hz. Now on SSB there will be a noticeable pitch difference. Now as for what to do about it? Sounds like a job for ICOM. Another question: Is it 300Hz off on all frequencies?

"Enquiring Minds Want To Know"

Charlie NQ1Q

--- In ic706@yahoogroups.com, "steve" <w4sef@...> wrote:
>
> What planet is this guy from? 3HZ??? I agree, he should NOT even take the cover off!!
>
>
> Steve W4YJ
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> >
> > SEND IT TO ICOM FOR ADJUSTMENT! I have read all your posts! you are an
> > appliance operator and should not be allowed to open the cover EVER have
> > someone with the knowledge and experience work on the radio. 3hz is not
> > worth the time 300 Hz is. if your hearing is that sensitive and you are that
> > worried about the LAST digit being spot on but I will tell you that MOST
> > people are not going to worry or care about 3hz.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "SaTeLlItE" <satelliteone@>
> > To: <ic706@yahoogroups.com>
> > Sent: Thursday, November 25, 2010 13:31
> > Subject: [ic706] Re: 3HZ VHF UHF off frequency
> >
> >
> >
> > >
> > >
> > > You guys, what do you lot live on? Not the same air as me, iam sure!..
> > >
> > > Right, so u think i am thick as shit!..
> > >
> > >
> > > How do i spell this out!.. THE RADIO IS OFF FREQUENCY! ITS NOT MEANT TO
> > > BE.
> > >
> > > The VHF and UHF is 3Hz off. this means when on LSB/USB i have to dial 3Hz
> > > higher. You dont notice it on FM/AM.
> > >

> > > HF is perfect. Spot/BANG on freq. Shall i say that again!..
> > >
> > > If i dial in 144.300.3 then the radio is actually on 144.300. And yes my
> > > Freq counter is right..backed up my on air QSO`s also.
> > >
> > > SO for the second time.. iam asking, WHY?..
> > >
> > > The service manual has no mention of alignment on the VCO frequency, for
> > > VHF/UHF.. except the main occilator at 60MHZ.. which by the way COVERS ALL
> > > THE RADIO.
> > >
> > > Usefull posts please!..
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
>

# 18477. Re: 3HZ VHF UHF off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-13 18:38:46 UTC
From: aceblaggard
Topic: 18440  Message: 18477

The original poster is no longer a member of the group so it's probably a good time to drop the topic before it gets flogged to death.

Cheers

Paul G7PUV
List owner

# 18478. Re: Y adaptor for Mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-14 18:38:09 UTC
From: Ian
Topic: 18459  Message: 18478

Thanks to all who took the time to reply.

So what has transpired...

Well the Signalink unit arrived, which was configured as per their instructions. I then plugged the 13 pin din acc socket into the back of the AT-180, using the spare socket, the other being the link from the rig to the ATU.

And last night I managed to make 2 psk contacts with it.

So it appears that the signals go from the atu back to the rig and out the antenna socket.

So here's hoping I don't damage anything..

Cheers

Ian
ZL1ogx

--- In ic706@yahoogroups.com, Robert Sheskin <rsheskin@...> wrote:
>
> What I have done here is to use the OPC-599 and a 8 pin cable from
> Signalink, my amp is controlled by a 7 pin cable, both standard Icom
> cables as used on radios with both ports. Just remember to disconnect
> the microphone or all the shack noises wil go out with the digital :-)
>
> 73,
> Bob N3PPH
>
>
> On 12/9/2010 5:15 PM, Ian wrote:
> >
> > Thanks Tom
> >
> > I have even asked Icom NZ for some advise and so far no definative
> > answer, will keep the LDG unit in mind.
> >
> > Thanks
> >
> > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> > "tomroot2" <wb8uuj@> wrote:
> > >
> > > To solve this and similar problems I bought an LDG Electronics
> > RCA-14 breakout box from Universal Radio....a bit pricey to be sure,
> > but quite versitile and it can be used for many applications....Tom
> > Root, WB8UUJ
> > >

> > > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, "Ian"
> > <zl1ogx@> wrote:
> > > >
> > > > Hi
> > > >
> > > > Was wondering if there is a 'Y' adaptor to fit into the 13 pin
> > accessory socket which provides 2 13 pin sockets?
> > > >
> > > > I'm getting a tigertronic signallink with the 13 pin adaptor, but
> > I have the at-180 ATU plugged into the back of the radio. So I was
> > thinking how do I attach both at the same time. I know there is the
> > OPC-599 adaptor but that give a 8 pin and a 7 pin din connectors.
> > > >
> > > > So how do I do it?
> > > >
> > > > Have you done it,
> > > >
> > > > Cheers
> > > >
> > > > Ian
> > > > ZL1OGX
> > > >
> > >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18479. Stuck in reset

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-14 16:48:00 UTC
From: ve3bv
Topic: 18479  Message: 18479

hi folks..heres the problem..when unit is powered up it reverts to "cpu" reset ..The up /down band buttons don't work BUT the key beep works. I can spin it up to whatever band and get it to work in all modes BUT. power off back to "cpu" reset mode. I do have a service "pdf manual" but is hard to read..If I knew some of the ribbon cable voltages I could nail it down better .any help would be welcome.
Just getting over major surgery and I am getting my shack back on line.

thanks
bruce ve3bv / ve3aay

# 18480. 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-15 06:11:26 UTC
From: Rakesh Kapoor
Topic: 18390  Message: 18480

I found the problem and also a solution.... ""with ic706mk2g and power supply mfj4125"".....Now I get full 100watts from radio and 4125..... thanx those who tried to help.

Rakesh
vu2rak.

[Non-text portions of this message have been removed]

# 18481. Re: [ic706] 706 and power supply

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-15 06:35:12 UTC
From: Jeff Moore
Topic: 18390  Message: 18481

So what was the problem and solution???

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Rakesh Kapoor
I found the problem and also a solution.... ""with ic706mk2g and power supply mfj4125""....Now I get full 100watts from radio and 4125..... thanx those who tried to help.

Rakesh
vu2rak.

[Non-text portions of this message have been removed]

# 18482. Riddle Me This

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-20 16:59:06 UTC
From: Ron
Topic: 18482  Message: 18482

Good Day All...I've got an old MkIIg (#21033) with the famous 15/17 meter oscillation failure. Over the years I've had it repaired multiple times, but no repair has lasted more than 3 weeks. Last week I decided to try again on 17m (my favorite band), so I disassembled it and did the loosen/tighten on all the screws. (It's had all the mods/tweaks done already) Used the analyzer to tune up 17m on my antenna, connected it up and keyed up CW at output 3 to check the swr on the rigs' meter. It showed just a bit higher than analyzer, which is normal, so I keyed again and fine tuned the tuner to bring it down to 1.1:1. Set it back to USB and called CQ. ZIPPO, no modulation, no alc on the meter, and no response! I thought I'd blown the finals, but I do have @ high power, 13 watts out on CW. I hooked up my old ICF-2010, and I could hear myself with RF gain turned all the way down and NO antenna. So it's transmitting, barely! For the heck of it I tried it on VHF, and that's as screwed up as the HF, so it's not the finals. I did a full reset of the radio, and that didn't do anything but kill my memories!! Any suggestions on where to look, or what to look for??? TNX in Advance...
Ron n3tlq

# 18483. Re: [ic706] Riddle Me This

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-21 10:23:35 UTC
From: Mike Rodgers
Topic: 18482  Message: 18483

Hi Ron, I don't know. You didn't say whether all hf bands are affected now? I think I have a link to a website where you can see if you've done those mods. I'll look for it. Good luck.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 20, 2010, at 10:59 AM, "Ron" <n3tlq@...> wrote:

Good Day All...I've got an old MkIIg (#21033) with the famous 15/17 meter oscillation failure. Over the years I've had it repaired multiple times, but no repair has lasted more than 3 weeks. Last week I decided to try again on 17m (my favorite band), so I disassembled it and did the loosen/tighten on all the screws. (It's had all the mods/tweaks done already) Used the analyzer to tune up 17m on my antenna, connected it up and keyed up CW at output 3 to check the swr on the rigs' meter. It showed just a bit higher than analyzer, which is normal, so I keyed again and fine tuned the tuner to bring it down to 1.1:1. Set it back to USB and called CQ. ZIPPO, no modulation, no alc on the meter, and no response! I thought I'd blown the finals, but I do have @ high power, 13 watts out on CW. I hooked up my old ICF-2010, and I could hear myself with RF gain turned all the way down and NO antenna. So it's transmitting, barely! For the heck of it I tried it on VHF,
and that's as screwed up as the HF, so it's not the finals. I did a full reset of the radio, and that didn't do anything but kill my memories!! Any suggestions on where to look, or what to look for??? TNX in Advance...
Ron n3tlq

[Non-text portions of this message have been removed]

# 18484. Re: Riddle Me This

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-22 15:57:44 UTC
From: Ron
Topic: 18482  Message: 18484

Hi Mike. The problem is on ALL bands, including VHF/UHF!!! Low power on CW, micro watts on anything else.

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Hi Ron, I don't know. You didn't say whether all hf bands are affected now? I think I have a link to a website where you can see if you've done those mods. I'll look for it. Good luck.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 20, 2010, at 10:59 AM, "Ron" <n3tlq@...> wrote:
>
> Good Day All...I've got an old MkIIg (#21033) with the famous 15/17 meter oscillation failure. Over the years I've had it repaired multiple times, but no repair has lasted more than 3 weeks. Last week I decided to try again on 17m (my favorite band), so I disassembled it and did the loosen/tighten on all the screws. (It's had all the mods/tweaks done already) Used the analyzer to tune up 17m on my antenna, connected it up and keyed up CW at output 3 to check the swr on the rigs' meter. It showed just a bit higher than analyzer, which is normal, so I keyed again and fine tuned the tuner to bring it down to 1.1:1. Set it back to USB and called CQ. ZIPPO, no modulation, no alc on the meter, and no response! I thought I'd blown the finals, but I do have @ high power, 13 watts out on CW. I hooked up my old ICF-2010, and I could hear myself with RF gain turned all the way down and NO antenna. So it's transmitting, barely! For the heck of it I tried it on VHF,
> and that's as screwed up as the HF, so it's not the finals. I did a full reset of the radio, and that didn't do anything but kill my memories!! Any suggestions on where to look, or what to look for??? TNX in Advance...
> Ron n3tlq
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18485. Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-22 16:04:51 UTC
From: w6bts
Topic: 18485  Message: 18485

Ron,

I had a similar issue with my rig. Turned out being the microphone jack/plug connection.

After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.

I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.

Good Luck!

73,

Dave S.
W6BTS

# 18486. Re: [ic706] Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-23 16:59:40 UTC
From: Mike Rodgers
Topic: 18485  Message: 18486

Could try it with a cw key.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 22, 2010, at 10:04 AM, "w6bts" <w6bts@...> wrote:

Ron,

I had a similar issue with my rig. Turned out being the microphone jack/plug connection.

After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.

I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.

Good Luck!

73,

Dave S.
W6BTS

[Non-text portions of this message have been removed]

# 18487. Re: What locks the faceplate head to the transceiver

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-24 19:09:43 UTC
From: Dale
Topic: 16590  Message: 18487

Hi Glenn,
My used 703+ arrived with the clip and spring missing. The parts will be orderd from Icom, but my question regards installation. Is there a technique to this that would help me?

Tnx,
Dale W4OP

# 18488. Static zap fried it

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 13:34:51 UTC
From: Mike Rodgers
Topic: 18488  Message: 18488

I read of a ham who lost his 817 when he touched the power button on his rig to turn it off. Combination of cold weather, heat, carpet, houseshoes.
Something we need to keep in mind.

I saw it on the radio!

Happy QSO'ing. Mike R

# 18489. Re: [ic706] Static zap fried it

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 13:54:28 UTC
From: Scientist
Topic: 18488  Message: 18489

Merry Christmas to every one and there family in the group

I my self is a victum to static
I lost my 706 mk2
i am looking for a rf board or a second hand 706mk2.
Adrian

--- On Sat, 12/25/10, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@yahoo.com>
Subject: [ic706] Static zap fried it
To: "ham-antennas-digest@yahoogroups.com" <ham-antennas-digest@yahoogroups.com>, "IC-706MKIIG@yahoogroups.com" <IC-706MKIIG@yahoogroups.com>, "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Saturday, December 25, 2010, 9:34 AM

I read of a ham who lost his 817 when he touched the power button on his rig to turn it off. Combination of cold weather, heat, carpet, houseshoes.
Something we need to keep in mind.

I saw it on the radio!

Happy QSO'ing. Mike R

[Non-text portions of this message have been removed]

# 18490. 706 mike wiring

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 15:34:23 UTC
From: BIG DAVE
Topic: 18490  Message: 18490

Hi everybody,
just got a 706 and the 45 plug is cut off, can anybody tell me what colours go to what pin?? Have a new plug and tool to fit them, I know there is 8v on one of pins, dont want to blow regulator!!
Regards Dave.

# 18491. Re: 706 mike wiring

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 17:40:30 UTC
From: aceblaggard
Topic: 18490  Message: 18491

Dave,

I have just uploaded a photo of my G model mic RJ45 into the misc photo folder http://tinyurl.com/37cvw2x , it shows
1 - Blank
2 - Black
3 - Blank
4 - Green
5 - Brown
6 - White
7 - Blue
8 - Blank

Page 8 of the manual gives details (pin 1 has the +8V on it).

Paul G7PUV

--- In ic706@yahoogroups.com, "BIG DAVE" <m3cad@...> wrote:
>
> Hi everybody,
> just got a 706 and the 45 plug is cut off, can anybody tell me what colours go to what pin?? Have a new plug and tool to fit them, I know there is 8v on one of pins, dont want to blow regulator!!
> Regards Dave.
>

# 18492. Re: [ic706] 706 mike wiring

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 17:49:15 UTC
From: Dale Parfitt
Topic: 18490  Message: 18492

Scroll down past Yaesu to Icom modular.
http://homepage.ntlworld.com/rg4wpw/date.html

Dale W4OP

# 18493. Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 19:07:03 UTC
From: Jan Erichsen
Topic: 18493  Message: 18493

He,
I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a little strange. When I press the tune button, the tuner tunes for about 2 sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1 SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the radio is OK. If I select "PO" with MET button, the meter shows about 3 watts out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the meter shows output, and the PO on the meter shows SWR.. Just the opposite of what it should. Have others experienced this, or can provide an explanation.

Thank you

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

# 18494. Re: [ic706] Re: What locks the faceplate head to the transceiver

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 20:47:00 UTC
From: "Glenn (KØBO)"
Topic: 16590  Message: 18494

Dale wrote:
> Hi Glenn,
> My used 703+ arrived with the clip and spring missing. The parts will be orderd from Icom, but my question regards installation. Is there a technique to this that would help me?
>
> Tnx,
> Dale W4OP

Hi! Sorry for the delay. Almost missed this.
The clip slips in intuitively. Nothing special. Zooming in on the pdf manual will show any unclear detail.

If you have a chance, order yourself a second set as the clip was only a few bucks. Add an extra buck if the spring is missing. If you don't use it, in a dozen years you could make a ham happy by having an extra one as the 703 and 706 will be around for another 30 years plus.

73! Glenn K0BO

# 18495. Re: [ic706] Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 21:48:57 UTC
From: Mike Rodgers
Topic: 18493  Message: 18495

My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
If you have a dummy load or good match you should see the meter functions behaving normally.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@...> wrote:

He,
I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a little strange. When I press the tune button, the tuner tunes for about 2 sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1 SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the radio is OK. If I select "PO" with MET button, the meter shows about 3 watts out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the meter shows output, and the PO on the meter shows SWR.. Just the opposite of what it should. Have others experienced this, or can provide an explanation.

Thank you

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18496. RE: [ic706] Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-25 23:43:19 UTC
From: Jan Erichsen
Topic: 18493  Message: 18496

For the moment I’m holidaying in the Norwegian mountains, -16F, and no dummy load. I’m using Watson monoband antennas.

I’ll have to do the testing when I arrives back home next year.

73

Jan – LA2XSA

Fra: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] På vegne av Mike Rodgers
Sendt: 25. desember 2010 22:49
Til: ic706@yahoogroups.com
Emne: Re: [ic706] Meter with Strange behavior

My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
If you have a dummy load or good match you should see the meter functions behaving normally.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@cadillacfans.com <mailto:jan%40cadillacfans.com> > wrote:

He,
I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a little strange. When I press the tune button, the tuner tunes for about 2 sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1 SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the radio is OK. If I select "PO" with MET button, the meter shows about 3 watts out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the meter shows output, and the PO on the meter shows SWR.. Just the opposite of what it should. Have others experienced this, or can provide an explanation.

Thank you

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10

[Non-text portions of this message have been removed]

# 18497. Re: [ic706] Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-26 01:46:58 UTC
From: Mike Rodgers
Topic: 18493  Message: 18497

If you've got a Watson for 10, it should provide a pretty good match if you've used it before. Should tell that the meters working correctly. Even 12,15, or 20 ones.
Strange thinks can happen with 40& 75/80.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 5:43 PM, "Jan Erichsen" <jan@...> wrote:

For the moment I’m holidaying in the Norwegian mountains, -16F, and no dummy load. I’m using Watson monoband antennas.

I’ll have to do the testing when I arrives back home next year.

73

Jan – LA2XSA

Fra: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] På vegne av Mike Rodgers
Sendt: 25. desember 2010 22:49
Til: ic706@yahoogroups.com
Emne: Re: [ic706] Meter with Strange behavior

My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
If you have a dummy load or good match you should see the meter functions behaving normally.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> > wrote:

He,
I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a little strange. When I press the tune button, the tuner tunes for about 2 sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1 SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the radio is OK. If I select "PO" with MET button, the meter shows about 3 watts out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the meter shows output, and the PO on the meter shows SWR.. Just the opposite of what it should. Have others experienced this, or can provide an explanation.

Thank you

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18498. RE: [ic706] Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-26 05:04:52 UTC
From: Jan Erichsen
Topic: 18493  Message: 18498

Only watson for 60 and 80

73

Jan – LA2xsa

Fra: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] På vegne av Mike Rodgers
Sendt: 26. desember 2010 02:47
Til: ic706@yahoogroups.com
Emne: Re: [ic706] Meter with Strange behavior

If you've got a Watson for 10, it should provide a pretty good match if you've used it before. Should tell that the meters working correctly. Even 12,15, or 20 ones.
Strange thinks can happen with 40& 75/80.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 5:43 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> > wrote:

For the moment I’m holidaying in the Norwegian mountains, -16F, and no dummy load. I’m using Watson monoband antennas.

I’ll have to do the testing when I arrives back home next year.

73

Jan – LA2XSA

Fra: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] På vegne av Mike Rodgers
Sendt: 25. desember 2010 22:49
Til: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Emne: Re: [ic706] Meter with Strange behavior

My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
If you have a dummy load or good match you should see the meter functions behaving normally.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> <mailto:jan%40cadillacfans.com> > wrote:

He,
I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a little strange. When I press the tune button, the tuner tunes for about 2 sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1 SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the radio is OK. If I select "PO" with MET button, the meter shows about 3 watts out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the meter shows output, and the PO on the meter shows SWR.. Just the opposite of what it should. Have others experienced this, or can provide an explanation.

Thank you

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10

[Non-text portions of this message have been removed]

# 18499. Re: Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-26 22:42:21 UTC
From: noskosteve
Topic: 18493  Message: 18499

RF into the radio ??

To test this: Try moving cables around and sliding hands over power cable and antenna cable.

73, Steve, K9DCI

--- In ic706@yahoogroups.com, "Jan Erichsen" <jan@...> wrote:
>
> Only watson for 60 and 80
>
>
>
> 73
>
> Jan â□" LA2xsa
>
>
>
> Fra: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] PÃ¥ vegne av Mike Rodgers
> Sendt: 26. desember 2010 02:47
> Til: ic706@yahoogroups.com
> Emne: Re: [ic706] Meter with Strange behavior
>
>
>
>
>
> If you've got a Watson for 10, it should provide a pretty good match if you've used it before. Should tell that the meters working correctly. Even 12,15, or 20 ones.
> Strange thinks can happen with 40& 75/80.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 25, 2010, at 5:43 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> > wrote:
>
> For the moment Iâ□□m holidaying in the Norwegian mountains, -16F, and no dummy load. Iâ□□m using Watson monoband antennas.
>
> Iâ□□ll have to do the testing when I arrives back home next year.
>
> 73
>

> Jan â□" LA2XSA
>
> Fra: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com
<mailto:ic706%40yahoogroups.com> ] PÃ¥ vegne av Mike Rodgers
> Sendt: 25. desember 2010 22:49
> Til: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Emne: Re: [ic706] Meter with Strange behavior
>
> My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
> If you have a dummy load or good match you should see the meter functions behaving normally.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com>
<mailto:jan%40cadillacfans.com> > wrote:
>
> He,
> I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a
> little strange. When I press the tune button, the tuner tunes for about 2
> sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1
> SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the
> radio is OK. If I select "PO" with MET button, the meter shows about 3 watts
> out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the
> meter shows output, and the PO on the meter shows SWR.. Just the opposite
> of what it should. Have others experienced this, or can provide an
> explanation.
>
> Thank you
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>

>
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10
>
>
>
> [Non-text portions of this message have been removed]
>

# 18500. RE: [ic706] Re: Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-27 00:16:22 UTC
From: Jan Erichsen
Topic: 18493  Message: 18500

Steve,

I have the display on the dashboard, and the radio and the AH-4 in a Tupperware box in the boot,

I removed the tuner , and put it outside the box, and that was the solution on the problem. The rig works as it should.

Thanks for the tip.

73

Jan LA2XSA

Fra: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] På vegne av noskosteve
Sendt: 26. desember 2010 23:42
Til: ic706@yahoogroups.com
Emne: [ic706] Re: Meter with Strange behavior

RF into the radio ??

To test this: Try moving cables around and sliding hands over power cable and antenna cable.

73, Steve, K9DCI

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "Jan Erichsen" <jan@...> wrote:
>
> Only watson for 60 and 80
>
>
>
> 73
>
> Jan â€" LA2xsa
>
>
>
> Fra: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] PÃ¥ vegne av Mike Rodgers
> Sendt: 26. desember 2010 02:47
> Til: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Emne: Re: [ic706] Meter with Strange behavior
>
>
>

>
>
> If you've got a Watson for 10, it should provide a pretty good match if you've used it before. Should tell that the meters working correctly. Even 12,15, or 20 ones.
> Strange thinks can happen with 40& 75/80.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 25, 2010, at 5:43 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> > wrote:
>
> For the moment Iâ€™m holidaying in the Norwegian mountains, -16F, and no dummy load. Iâ€™m using Watson monoband antennas.
>
> Iâ€™ll have to do the testing when I arrives back home next year.
>
> 73
>
> Jan â€" LA2XSA
>
> Fra: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com> ] PÃ¥ vegne av Mike Rodgers
> Sendt: 25. desember 2010 22:49
> Til: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> <mailto:ic706%40yahoogroups.com>
> Emne: Re: [ic706] Meter with Strange behavior
>
> My guess is for some reason a 5:1 swr is best your getting and because of the 5:1 it's folding back power.
> If you have a dummy load or good match you should see the meter functions behaving normally.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" <jan@... <mailto:jan%40cadillacfans.com> <mailto:jan%40cadillacfans.com> > wrote:
>
> He,
> I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a
> little strange. When I press the tune button, the tuner tunes for about 2
> sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1
> SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the
> radio is OK. If I select "PO" with MET button, the meter shows about 3 watts
> out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the

> meter shows output, and the PO on the meter shows SWR.. Just the opposite
> of what it should. Have others experienced this, or can provide an
> explanation.
>
> Thank you
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1170 / Virus Database: 1435/3337 - Release Date: 12/24/10
>
>
>
> [Non-text portions of this message have been removed]
>

_____

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 1435/3340 - Release Date: 12/26/10

[Non-text portions of this message have been removed]

# 18501. Re: Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-27 21:06:42 UTC
From: Ron
Topic: 18485  Message: 18501

Riddle Update>>>TNX for the suggestions guys, but my baby is now really a very overpriced HF receiver. I hope everyone had a great holiday, and one of these days I WILL be back on HF! (At least my ft-7800 works well, but it's not quite the same thing ;-) 73 de Ron n3tlq

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Could try it with a cw key.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 22, 2010, at 10:04 AM, "w6bts" <w6bts@...> wrote:
>
> Ron,
>
> I had a similar issue with my rig. Turned out being the microphone jack/plug connection.
>
> After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.
>
> I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.
>
> Good Luck!
>
> 73,
>
> Dave S.
> W6BTS
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18502. want 706 mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-27 23:37:46 UTC
From: Scientis
Topic: 18502  Message: 18502

Season Greeting to every one on the group

I am looking to bye a ic 706mk2 or ic 706mk2g
second hand.
can any one help?
all the best for 2011

# 18503. Re: [ic706] want 706 mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-28 00:06:25 UTC
From: Jeff Moore
Topic: 18502  Message: 18503

Check on eBay - that's where I got mine.

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Scientis

Season Greeting to every one on the group

I am looking to bye a ic 706mk2 or ic 706mk2g
second hand.
can any one help?
all the best for 2011

[Non-text portions of this message have been removed]

# 18504. Re: [ic706] want 706 mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-28 16:03:10 UTC
From: Larry J. Ford
Topic: 18502  Message: 18504

I would recommend QTH.com

That's more of a "ham to ham" forum for dealing in equipment.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jeff Moore
To: ic706@yahoogroups.com
Sent: Monday, December 27, 2010 7:06 PM
Subject: Re: [ic706] want 706 mk2

Check on eBay - that's where I got mine.

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Scientis

Season Greeting to every one on the group

I am looking to bye a ic 706mk2 or ic 706mk2g
second hand.
can any one help?
all the best for 2011

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18505. Re: [ic706] want 706 mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-28 23:13:55 UTC
From: Jack
Topic: 18502  Message: 18505

or the yahoo group ham4sale

N6UYB
Jack E. Foster
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, December 28, 2010 11:03
Subject: Re: [ic706] want 706 mk2

>I would recommend QTH.com
>
> That's more of a "ham to ham" forum for dealing in equipment.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com
> Sent: Monday, December 27, 2010 7:06 PM
> Subject: Re: [ic706] want 706 mk2
>
>
>
> Check on eBay - that's where I got mine.
>
> Jeff Moore -- KE7ACY
> CN94
>
> ----- Original Message ----- From: Scientis
>
> Season Greeting to every one on the group
>
> I am looking to bye a ic 706mk2 or ic 706mk2g
> second hand.
> can any one help?
> all the best for 2011
>
> [Non-text portions of this message have been removed]
>
>
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18506. Re: Meter with Strange behavior

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-29 03:40:59 UTC
From: noskosteve
Topic: 18493  Message: 18506

Sometimes I impress myself...but then, some say I'm easily impressed.

I'm pleased to help.

73, Steve, K9DCI

--- In ic706@yahoogroups.com, "Jan Erichsen" <jan@...> wrote:
>
> Steve,
>
> I have the display on the dashboard, and the radio and the AH-4 in a Tupperware box in the boot,
>
> I removed the tuner , and put it outside the box, and that was the solution on the problem. The rig works as it should.
>
> Thanks for the tip.
> 73 Jan LA2XSA
>
>
> RF into the radio ??
>
> To test this: Try moving cables around and sliding hands over power cable and antenna cable.
> 73, Steve, K9DCI

> >
> > On Dec 25, 2010, at 1:07 PM, "Jan Erichsen" wrote:
> >
> > He,
> > I have a Ic-706MkII in the car with an AH-4 tuner. The radio is behaving a
> > little strange. When I press the tune button, the tuner tunes for about 2
> > sec. When I select SWR on the "MET" button to check the SWR, it shows e 5:1
> > SWR, I understand nothing, but I tried a QSO and got 59 back, so I think the
> > radio is OK. If I select "PO" with MET button, the meter shows about 3 watts
> > out. If I select the SWR , the meter shows SWR 5:1. It looks like SWR on the
> > meter shows output, and the PO on the meter shows SWR.. Just the opposite
> > of what it should. Have others experienced this, or can provide an
> > explanation.
> >
> > Thank you
> >
> > 73
> >
> > Jan - LA2XSA
> >

# 18507. Re: [ic706] want 706 mk2

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-29 03:45:04 UTC
From: Larry J. Ford
Topic: 18502  Message: 18507

That's a new one on me. Thanks for passing that along.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Tuesday, December 28, 2010 6:13 PM
Subject: Re: [ic706] want 706 mk2

or the yahoo group ham4sale

N6UYB
Jack E. Foster
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, December 28, 2010 11:03
Subject: Re: [ic706] want 706 mk2

>I would recommend QTH.com
>
> That's more of a "ham to ham" forum for dealing in equipment.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com
> Sent: Monday, December 27, 2010 7:06 PM
> Subject: Re: [ic706] want 706 mk2
>
>
>
> Check on eBay - that's where I got mine.
>
> Jeff Moore -- KE7ACY
> CN94
>
> ----- Original Message ----- From: Scientis
>
> Season Greeting to every one on the group
>
> I am looking to bye a ic 706mk2 or ic 706mk2g
> second hand.

> can any one help?
> all the best for 2011
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18508. Re: [ic706] Re: Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-30 01:23:07 UTC
From: Mike Rodgers
Topic: 18485  Message: 18508

Seems like the problem was very low output on all bands. I assume the transmit is coming on. It would be pretty odd I think that it's VHF and hf. The newer models use seperate pa's so it's probally something ahead of that. You might check the menus for something out of order and try doing a reset. I forget what the fuse under the cover is for but check that too.

I saw it on the radio!

Happy QSO'ing. Mike R

On Dec 27, 2010, at 3:06 PM, "Ron" <n3tlq@...> wrote:

Riddle Update>>>TNX for the suggestions guys, but my baby is now really a very overpriced HF receiver. I hope everyone had a great holiday, and one of these days I WILL be back on HF! (At least my ft-7800 works well, but it's not quite the same thing ;-) 73 de Ron n3tlq

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Could try it with a cw key.
>
> I saw it on the radio!
>
> Happy QSO'ing. Mike R
>
> On Dec 22, 2010, at 10:04 AM, "w6bts" <w6bts@...> wrote:
>
> Ron,
>
> I had a similar issue with my rig. Turned out being the microphone jack/plug connection.
>
> After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.
>
> I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.
>
> Good Luck!
>
> 73,
>
> Dave S.
> W6BTS
>

>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18509. Re: [ic706] Re: Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-30 21:00:41 UTC
From: RAYMOND J JONES
Topic: 18485  Message: 18509

hi
kc9mob here

i posted about a controll head problem and got no real reply i cant afford to have it repaired so im going to put it up for sale.....put a functioning controll head on it and i am positive it will work.....let me know if you or anyone else is interested.....

ray jones
kc9mob@...

> I had a similar issue with my rig. Turned out being the microphone jack/plug connection.
>
> After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.
>
> I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.
>
> Good Luck!
>
> 73,
>
> Dave S.
> W6BTS
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18510. Re: [ic706] Re: Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-30 22:02:37 UTC
From: Larry J. Ford
Topic: 18485  Message: 18510

What is it exactly you have for sale?

Have you tried cleaning the contacts on the control head and the contacts on the main body of the rig where they meet?

DeoxIT works wonders if the contacts have oxidized a bit, causing intermittent contact. Many 706s had numerous symptoms which were cured by cleaning those contacts.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: RAYMOND J JONES
To: ic706@yahoogroups.com
Sent: Thursday, December 30, 2010 4:00 PM
Subject: Re: [ic706] Re: Riddle Me This Problem...

hi
kc9mob here

i posted about a controll head problem and got no real reply i cant afford to have it repaired so im going to put it up for sale.....put a functioning controll head on it and i am positive it will work.....let me know if you or anyone else is interested.....

ray jones
kc9mob@...

>
> I had a similar issue with my rig. Turned out being the microphone jack/plug connection.
>
> After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.
>
> I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.
>
> Good Luck!
>
> 73,
>
> Dave S.
> W6BTS
>
>
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18511. Re: [ic706] Re: Riddle Me This Problem...

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-30 23:32:58 UTC
From: Jeff Moore
Topic: 18485  Message: 18511

I went back and looked at your original message. I suspect that the reason you didn't get any response is that most of us have never taken the control head apart so we can't be very useful in trying to figure out what you did when you took yours apart.

Save up your money, it can't be that expensive to get it repaired. Another option, probably not as cheap as just getting it repaired would be to try and find another control head from a defunct rf deck.

Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: RAYMOND J JONES

hi
kc9mob here

i posted about a controll head problem and got no real reply i cant afford to have it repaired so im going to put it up for sale.....put a functioning controll head on it and i am positive it will work.....let me know if you or anyone else is interested.....

ray jones
kc9mob@...

>
> I had a similar issue with my rig. Turned out being the microphone jack/plug connection.
>
> After fooling with it for a day or so I finally bit the bullet, cut it off and replaced it. With that the problem went away and has not returned, it's been several months now.
>
> I never bothered to research just why a poor connector/connection at that point would cause an issue but I suspect that it was a cross-short of some sort as opposed to an open, I found some frayed wires inside the removed plug that could have been shorting. The position of the jack lends it to damage and abuse. I have since installed a strain-relief next to the jack, similar to a commercial Motorola microphone jack.
>
> Good Luck!
>
> 73,
>
> Dave S.
> W6BTS
>
>
>
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18512. Happy New Year to all!

Yahoo group: ic706 (2010 — 2015)
Date: 2010-12-31 07:42:24 UTC
From: Don
Topic: 18512  Message: 18512

Happy New Year to all!
We are blessed with such a great Ham Community and the friends we have made through the years. Wishing you all good DX in 2011 and look after your loved...stay safe.

Don kb9umt
http://www.30mdg.net
(30 Meter Digital Group)
http://hamspots.net/home/
(Best Digital, LOTW, EQSL, CLUB Spot Site)

# 18513. DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-03 03:13:19 UTC
From: kf6aj
Topic: 18513  Message: 18513

To the group;

I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB ☐ 1.8 to 50MHz only. The VHF FM operation is OK. Looks as if the problem goes away if I reduce the transmit power to level 7. The problem occurs in the car (battery power) as well as on the bench (15A DC supply). The bench power cord has no fuses and measuring the voltage at the internal 4A fuse shows the voltage is still there even though the power down mode happens. Another symptom, the internal relay does click off during a recycle mode.

Please advise if there is fix.
73 and thanks,
Steve
W1SMS
Steven M. Simons
ssimons@manitousys.com

# 18514. Re: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 01:24:17 UTC
From: Mike Rodgers
Topic: 18513  Message: 18514

Does the problem occur with the engine running and connected to the battery? The 15a supply may not be enough. Sounds like a typical starvation problem with the 706.

I saw it on the radio!

Happy QSO'ing. Mike R

On Jan 2, 2011, at 9:13 PM, "kf6aj" <kf6aj@...> wrote:

To the group;

I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB – 1.8 to 50MHz only. The VHF FM operation is OK. Looks as if the problem goes away if I reduce the transmit power to level 7. The problem occurs in the car (battery power) as well as on the bench (15A DC supply). The bench power cord has no fuses and measuring the voltage at the internal 4A fuse shows the voltage is still there even though the power down mode happens. Another symptom, the internal relay does click off during a recycle mode.

Please advise if there is fix.
73 and thanks,
Steve
W1SMS
Steven M. Simons
ssimons@...m

[Non-text portions of this message have been removed]

# 18515. RE: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 01:50:29 UTC
From: Jan
Topic: 18513  Message: 18515

I had the same problems with mine a couple of months ago (message#18329).

It was several cold/broken soldering on the PLL board. They are very hard to see. You have to use a magnifying glass

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of kf6aj
Sent: Monday, January 03, 2011 4:13 AM
To: ic706@yahoogroups.com
Subject: [ic706] DC power cycling problem

To the group;

I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB - 1.8 to 50MHz only. The VHF FM operation is OK. Looks as if the problem goes away if I reduce the transmit power to level 7. The problem occurs in the car (battery power) as well as on the bench (15A DC supply). The bench power cord has no fuses and measuring the voltage at the internal 4A fuse shows the voltage is still there even though the power down mode happens. Another symptom, the internal relay does click off during a recycle mode.

Please advise if there is fix.
73 and thanks,
Steve
W1SMS
Steven M. Simons
ssimons@... <mailto:ssimons%40manitousys.com>

[Non-text portions of this message have been removed]

# 18516. Re: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 02:44:22 UTC
From: Randy Allen
Topic: 18513  Message: 18516

Are you using the separation kit? If so, try putting an RF Choke (ferrite bead with a couple of loops of cable) at each end of the separation cable. Next to the radio and next to the control head connection.

Hope this helps.

73

Randy

On 1/2/2011 22:13, kf6aj wrote:
> To the group;
>
> I own a 706MKII that has been misbehaving in the past year. The unit
> powers down and then comes back on when I transmit in SSB ? 1.8 to 50MHz
> only. The VHF FM operation is OK. Looks as if the problem goes away if I
> reduce the transmit power to level 7. The problem occurs in the car
> (battery power) as well as on the bench (15A DC supply). The bench power
> cord has no fuses and measuring the voltage at the internal 4A fuse
> shows the voltage is still there even though the power down mode
> happens. Another symptom, the internal relay does click off during a
> recycle mode.
>
> Please advise if there is fix.
> 73 and thanks,
> Steve
> W1SMS
> Steven M. Simons
> ssimons@... <mailto:ssimons%40manitousys.com>
>
>

--
Randy Allen, KA?AZS

# 18517. Re: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 12:23:27 UTC
From: Deacon Dave
Topic: 18513  Message: 18517

13.8 VDC @ 22 Amperes are the specified conditions for full power; not 12 VDC @ 15 amperes.

Start by beefing up your power source[s]

----- Original Message -----
From: kf6aj
To: ic706@yahoogroups.com
Sent: Sunday, January 02, 2011 10:13 PM
Subject: [ic706] DC power cycling problem

To the group;

I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB - 1.8 to 50MHz only. The VHF FM operation is OK. Looks as if the problem goes away if I reduce the transmit power to level 7. The problem occurs in the car (battery power) as well as on the bench (15A DC supply). The bench power cord has no fuses and measuring the voltage at the internal 4A fuse shows the voltage is still there even though the power down mode happens. Another symptom, the internal relay does click off during a recycle mode.

Please advise if there is fix.
73 and thanks,
Steve
W1SMS
Steven M. Simons
ssimons@...

[Non-text portions of this message have been removed]

# 18518. Re: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 13:28:47 UTC
From: Bob Reiff
Topic: 18513  Message: 18518

The typical "20 amp" supply is not good for 20 amps continuously. More like 16-17 amps if you are lucky. Maybe only 15 amps. The 20 amp name on the power supply is referring to short duration peaks. It is a marketing ploy to make you think you are getting something you are not. Your 15 amp bench supply is probably good for about 13 amps at most continuously. You actually need a 25 or 30 amp supply to get the full output with a safety margin.

Bob, WA8ULW

Deacon Dave wrote:

> 
> 
> 13.8 VDC @ 22 Amperes are the specified conditions for full power; not
> 12 VDC @ 15 amperes.
> 
> Start by beefing up your power source[s]
> 
> ----- Original Message -----
> From: kf6aj
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Sunday, January 02, 2011 10:13 PM
> Subject: [ic706] DC power cycling problem
> 
> To the group;
> 
> I own a 706MKII that has been misbehaving in the past year. The unit
> powers down and then comes back on when I transmit in SSB - 1.8 to
> 50MHz only. The VHF FM operation is OK. Looks as if the problem goes
> away if I reduce the transmit power to level 7. The problem occurs in
> the car (battery power) as well as on the bench (15A DC supply). The
> bench power cord has no fuses and measuring the voltage at the
> internal 4A fuse shows the voltage is still there even though the
> power down mode happens. Another symptom, the internal relay does
> click off during a recycle mode.
> 
> Please advise if there is fix.
> 73 and thanks,
> Steve
> W1SMS
> Steven M. Simons
> ssimons@... <mailto:ssimons%40manitousys.com>
> 
> [Non-text portions of this message have been removed]
> 

>

[Non-text portions of this message have been removed]

# 18519. Re: [ic706] DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 20:01:18 UTC
From: A Wallace
Topic: 18513  Message: 18519

Bob's comment reminded me of the need to exercise caution when buying power supplies......

I recently bought, on sale, a small supply I intended to use for charging RC batteries....The box is marked as a "4 amp Peak Regulated" Supply.
Then in smaller writing printed on the supply it says "Total current 3A @ 50% duty cycle" with no indication of what time period the duty cycle should be. (I hadn't noticed that at the time)
So I set it charging a lipo battery at 2A. Within 1/2 hour, it had thermally shut down.
I finally found that it was capable of about 1A continuous! Yet the normal price for this unit was (and still is) $89. A wall wart can do that, and at much less cost.
It is not until I opened the box after purchase that I read the instructions which state that "Total Peak Current (10% Duty Cycle) 4 Amps". Next column is "Total continuous current @ 13.8V 1.5A"
There is a large number printed on the supplies, 4 (mine), 7 and 11, inferring that that is the current rating at a quick glance. The 11A supply is actually 5A continuous, and is around $180.

So check the detail before parting with your cash and ensure that it will do the job.

Cheers,
Adrian VK5AW

On 4/01/2011 11:58 PM, Bob Reiff wrote:
>
> The typical "20 amp" supply is not good for 20 amps continuously. More
> like 16-17 amps if you are lucky. Maybe only 15 amps.
>

[Non-text portions of this message have been removed]

# 18520. Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-04 18:17:43 UTC
From: John Geiger
Topic: 18520  Message: 18520

I am looking for a cheap/simple way to interface an Icom 706 series radio.
Will running a cable between the line out jack on a soundcard and the mic
jack on the 706, and then using VOX on the 706, produce acceptable audio?
Or is a more complicated interface needed?

73s John AA5JG

[Non-text portions of this message have been removed]

# 18521. Re: [ic706] Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-05 01:28:04 UTC
From: Jack
Topic: 18520  Message: 18521

John,
I use the Buxcomm it is not real expensive and works very well it can be found at WWW.Buxcomm.com.

N6UYB
Jack E. Foster
----- Original Message -----
From: "John Geiger" <aa5jg@...>
To: <ic706@yahoogroups.com>; <icom@...>
Sent: Tuesday, January 04, 2011 13:17
Subject: [ic706] Simple digital interface question

>I am looking for a cheap/simple way to interface an Icom 706 series radio.
> Will running a cable between the line out jack on a soundcard and the mic
> jack on the 706, and then using VOX on the 706, produce acceptable audio?
> Or is a more complicated interface needed?
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18522. Re: Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-05 02:06:45 UTC
From: noskosteve
Topic: 18520  Message: 18522

It shoud, just be aware of things like:

DC on the mic input for the electret (I don't recall if 706 has this).

Ground issues commonly called ground lop. THis is a difference between the radio ground and computer ground. A 1:1 or even swtep down audio transformwe will eliminate this possibility.

Then Very carefully watch the level.
--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

Up to date APRS Beginner Guide - updated Aug-2010
http://K9DCI.home.comcast.net
Click the APRS Beginner INFO link under Contact

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710|Also Kenwood.fx Files|

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> I am looking for a cheap/simple way to interface an Icom 706 series radio.
> Will running a cable between the line out jack on a soundcard and the mic
> jack on the 706, and then using VOX on the 706, produce acceptable audio?
> Or is a more complicated interface needed?
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>

# 18523. Re: [ic706] Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-05 07:12:27 UTC
From: "Glenn (KØBO)"
Topic: 18520  Message: 18523

It's almost exactly what I'm using without problem. Cables are 3ft long.
I added a small SMD pot inside the mini connectors of the cables on the
computer side so I can tweek the levels. The radio output is -20 and the laptop
input is mic level. The radio input level was able to take the headphone out of
the laptop. I added the pot to the mini connector of the line out cable of the
laptop anyway.

btw, for ~$20USD, one can purchase the RS232 computer interface cable off of
ebay to get computer control of the radio. It's cheaper then constructing your
own. (unlike the audio interface)

73! Glenn K0BO

John Geiger wrote:
> I am looking for a cheap/simple way to interface an Icom 706 series radio.
> Will running a cable between the line out jack on a soundcard and the mic
> jack on the 706, and then using VOX on the 706, produce acceptable audio?
> Or is a more complicated interface needed?
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18524. RE: EXTERNAL: Re: [ic706] Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-05 13:47:24 UTC
From: Lefczik, Larry D
Topic: 18520  Message: 18524

The cheapest way is acoustic coupling between the mic and speakers and using a locking PTT switch or footswitch. I have done this many times and made many contacts. Jus beware of background noise in the shack.

Second cheapest and probably more consistent is direct cabling with a small pot and 0.1 uF cap in the 706 mic line.

I use a CAT-5 patch chord and add the computer connectors to the end. Yes, hum is a theoretical possibility, but I am only using 2-3 feet of cable. And, I wire the pot with the fixed resistance on the computer output side and the capacitor on the 706 mic side. Since you can use a lot of attenuation here, the input to the 706 is close to ground (low-Z) and this reduces any hum. Turn off the 706 Compressor BTW. When I get things setup right, I use the 706 VOX for keying. It's just like using IM on the Internet.

For audio from the 706 to computer, I just use a mini to mini cable (I don't think it is shielded). Make a rough adjustment of the level into the computer with the Windows Mixer and fine tune with the 706 volume control.

Simple and Ham-like.

I have used this for home and Field Day. For PSK, SSTV and set up the computer as a Voice Keyer to call CQ-Contest.

Save your money and enjoy one of the few simple projects in left in Ham radio.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of "Glenn (KØBO)"
Sent: Wednesday, January 05, 2011 2:12 AM
To: ic706@yahoogroups.com
Cc: icom@mailman.qth.net
Subject: EXTERNAL: Re: [ic706] Simple digital interface question

It's almost exactly what I'm using without problem. Cables are 3ft long.
I added a small SMD pot inside the mini connectors of the cables on the
computer side so I can tweek the levels. The radio output is -20 and the laptop
input is mic level. The radio input level was able to take the headphone out of
the laptop. I added the pot to the mini connector of the line out cable of the
laptop anyway.

btw, for ~$20USD, one can purchase the RS232 computer interface cable off of
ebay to get computer control of the radio. It's cheaper then constructing your
own. (unlike the audio interface)

73! Glenn K0BO

John Geiger wrote:
> I am looking for a cheap/simple way to interface an Icom 706 series radio.
> Will running a cable between the line out jack on a soundcard and the mic

> jack on the 706, and then using VOX on the 706, produce acceptable audio?
> Or is a more complicated interface needed?
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

---

Yahoo! Groups Links

# 18525. For trade: Yaesu FT450 HF/6m radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-05 15:29:23 UTC
From: John Geiger
Topic: 18525  Message: 18525

I have an excellent condition Yaesu FT450 HF/6m radio for trade. The FT450 has it all-IF DSP so no extra filters are needed, a built in voice keyer, a built in CW memory keyer, a TCXO for increased stability, and a built in voice synthesizer to announce what frequency and mode you are on at the push of a button. In other words, this radio does it all.

It does 100 watts on HF and 6m, all modes.
It comes with the power cord, mic, manual, and original box. I am looking to trade it for an Icom 706 original or 706MKIIG, or maybe an Icom 820, or Kenwood TM255A

73s John AA5JG

[Non-text portions of this message have been removed]

# 18526. Re: DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 02:30:58 UTC
From: dr_telecom
Topic: 18513  Message: 18526

1) If it happens both in the car and on the bench (into a dummy load) you got a radio problem

2)You are playing with fire if you have no fuses in your bench supply. Why? A short in the radio and it might be toast. A $800 radio turned to instant trash.

3) A 15a supply is incapable of running this radio on transmit. It pulls more than 20a at full power. (which is why i is probably shutting down - and your power supply is folding back to protect itself).

4) You likely have an RF feedback problem in the car. If you are using the separation kit...first be sure your radio is GROUNDED. The Mark II is very very fussy about that.

Second, be sure the screw in the connector for the separation kit is installed and tightened.

Run the radio in the car into a dummy load. If it works, you found the problem. Add RF chokes

If it doesn't , you either have too low voltage to the radio on transmit, or a bad radio. I hope you ran the wires for the radio directly to the battery with a fuse in both the + and - leads.

If you have RF feedback, and your radio is grounded and the base of your antenna is grounded, and you have sufficient voltage at the radio.....you need more chokes.

THe fact that it works OK at power level 7 seems to indicate you have a voltage problem in BOTH the car and on the bench.

You might also check to be sure the radio is NOT putting out more than 100w. (Some idiots crank the power all the way up to 150W plus and radiate all sorts of crud by doing so - makes them feel like they have a 'big signal' but all the power is generating sideband splatter)

In VHF, the radio only runs 50w or so. (less current draw).

drT in Dallas, TX

--- In ic706@yahoogroups.com, "kf6aj" <kf6aj@...> wrote:
>
> To the group;
>
> I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB ☐ 1.8 to 50MHz only.

# 18527. Re: [ic706] Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 04:25:09 UTC
From: Nunnaya Bidniz
Topic: 18520  Message: 18527

John,
That worked just peachy on my MKIIG

Nunnaya

_____
From: John Geiger <aa5jg@...>
To: ic706@yahoogroups.com; icom@...
Sent: Tue, January 4, 2011 1:17:43 PM
Subject: [ic706] Simple digital interface question

I am looking for a cheap/simple way to interface an Icom 706 series radio.
Will running a cable between the line out jack on a soundcard and the mic
jack on the 706, and then using VOX on the 706, produce acceptable audio?
Or is a more complicated interface needed?

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18528. Re: Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 07:38:16 UTC
From: ke6vhm
Topic: 18520  Message: 18528

The Yahoo digital radio group has very good info on all radio interfaces, simple and complex.

73 de Frank

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> I am looking for a cheap/simple way to interface an Icom 706 series radio.
> Will running a cable between the line out jack on a soundcard and the mic
> jack on the 706, and then using VOX on the 706, produce acceptable audio?
> Or is a more complicated interface needed?
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>

# 18529. Re: Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 07:41:47 UTC
From: ke6vhm
Topic: 18520  Message: 18529

I should have put this in my last reply. But oh well. I use the Signalink USB interface. They now have rig specific cable and jumper module. Simple as plug it in and set your audio in and out levels. Turn on your VOX on the Icom and it will even key up the rig.

73 de Frank

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> John,
> I use the Buxcomm it is not real expensive and works very well it can be
> found at WWW.Buxcomm.com.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "John Geiger" <aa5jg@...>
> To: <ic706@yahoogroups.com>; <icom@...>
> Sent: Tuesday, January 04, 2011 13:17
> Subject: [ic706] Simple digital interface question
>
>
> >I am looking for a cheap/simple way to interface an Icom 706 series radio.
> > Will running a cable between the line out jack on a soundcard and the mic
> > jack on the 706, and then using VOX on the 706, produce acceptable audio?
> > Or is a more complicated interface needed?
> >
> > 73s John AA5JG
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18530. Re: Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 07:43:19 UTC
From: ke6vhm
Topic: 18520  Message: 18530

These are not an issue when the Signalink USB unit is used.

I have no interest in the company - just a satisfied customer.

73 de Frank

--- In ic706@yahoogroups.com, "noskosteve" <noskosteve@...> wrote:
>
>
>
> It shoud, just be aware of things like:
>
> DC on the mic input for the electret (I don't recall if 706 has this).
>
> Ground issues commonly called ground lop. THis is a difference between the radio ground and computer ground. A 1:1 or even swtep down audio transformwe will eliminate this possibility.
>
> Then Very carefully watch the level.
> --
> 73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)
>
> Up to date APRS Beginner Guide - updated Aug-2010
> http://K9DCI.home.comcast.net
> Click the APRS Beginner INFO link under Contact
>
> Manage Radio Memories with an Excel Spreadsheet !
> Click to tune. Click to capture Radio freq.
> All Memories on one page. Cut, Copy, Paste, Print 'em...
> For:
> TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
> All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
> NOT D710|Also Kenwood.fx Files|
>
> More Details, Features and Downloads at:
> http://k9dci.home.comcast.net/
>
>
>
> --- In ic706@yahoogroups.com, John Geiger <aa5jg@> wrote:
> >
> > I am looking for a cheap/simple way to interface an Icom 706 series radio.
> > Will running a cable between the line out jack on a soundcard and the mic
> > jack on the 706, and then using VOX on the 706, produce acceptable audio?
> > Or is a more complicated interface needed?
> >

> > 73s John AA5JG
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 18531. Re: EXTERNAL: Re: [ic706] Simple digital interface question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 11:06:28 UTC
From: Rhys Griffiths
Topic: 18520  Message: 18531

Why not just make up a cable to plug into the DIN connector on the back of the radio? You could use an RS232 for keying the PTT. The data DIN has computer friendly input and output levels - that's what it's there for.

Rhys

GW0DIV

Sent from my iPhone

# 18532. Re: DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 15:07:14 UTC
From: EdwinB
Topic: 18513  Message: 18532

Fuses in the power leads will not protect the radio, their sole purpose is to keep the wires from starting a fire if there is a short. Unless one is running a really high-current bench supply (mine is 85 amps), fuses probably are not necessary as the bench supply will fold back or blow its own fuse before the wires get that hot.

Regards,
Ed - Lake Travis

--- In ic706@yahoogroups.com, "dr_telecom" <dr_telecom@...> wrote:
>
>
> 1) If it happens both in the car and on the bench (into a dummy load) you got a radio problem
>
>
> 2)You are playing with fire if you have no fuses in your bench supply. Why? A short in the radio and it might be toast. A $800 radio turned to instant trash.
>
<SNIP>
> drT in Dallas, TX
>
>

# 18533. Re: DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 17:18:46 UTC
From: ve3bv
Topic: 18513  Message: 18533

Try this..
Reduce the power output on HF/50 to zero..does it recycle the power?
Do it on all modes..
I have been working on as 706 that was hit by high voltage and it wiped out all the PA transistors that were on the 12 volt rail..If it does it on a car battery it is not a current or power supply issue.(if the battery is good) It is starting to sound like a RF voltage on the B= or 5volt rail of the radio..the RF will reset the Power switch circuit.

bruce
ve3bv

--- In ic706@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> Fuses in the power leads will not protect the radio, their sole purpose is to keep the wires from starting a fire if there is a short. Unless one is running a really high-current bench supply (mine is 85 amps), fuses probably are not necessary as the bench supply will fold back or blow its own fuse before the wires get that hot.
>
> Regards,
> Ed - Lake Travis
>
> --- In ic706@yahoogroups.com, "dr_telecom" <dr_telecom@> wrote:
> >
> >
> > 1) If it happens both in the car and on the bench (into a dummy load) you got a radio problem
> >
> >
> > 2)You are playing with fire if you have no fuses in your bench supply. Why? A short in the radio and it might be toast. A $800 radio turned to instant trash.
> >
> <SNIP>
> > drT in Dallas, TX
> >
> >
>

# 18534. FS: Icom SM-20 desk mic

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 18:12:55 UTC
From: John Geiger
Topic: 18534  Message: 18534

I have for sale an icom SM-20 desk mic in good condition. Works fine, makes a nice base station mic for your Icom. Asking $125 shipped for it. I do have the 8 pin to modular adaptor to sell also if you need that to hook the SM-20 to a 706 or 7000.

73s John AA5JG

[Non-text portions of this message have been removed]

# 18535. Re: [ICOM] FS: Icom SM-20 desk mic

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 19:07:51 UTC
From: John Geiger
Topic: 18535  Message: 18535

Is that what I said? Supposed to be $120 shipped. Thanks for pointing that out.

73s John AA5JG

On Thu, Jan 6, 2011 at 1:05 PM, Don Cunningham <wb5hak@...> wrote:

> Are you saying you have an SM-20 for sale at $20 plus shipping?? If so,
> I'll take it!!
> 73,
> Don, WB5HAK
>
> ----
> Your Moderator: Dick Flanagan K7VC: icom-owner@...
> Icom Users Net: Sundays, 1700Z, 14.316 MHz
> Icom FAQ: http://www.qsl.net/icom/
> To support QSL/QTH.net: http://www.qsl.net/donate.html
>

[Non-text portions of this message have been removed]

# 18536. Re: [ic706] Re: [ICOM] FS: Icom SM-20 desk mic

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-06 19:44:09 UTC
From: Jeff Moore
Topic: 18535  Message: 18536

The email I saw said $125 shipped. Someone trying to scam you??

Jeff Moore -- KE7ACY

----- Original Message ----- From: John Geiger
Subject: [ic706] Re: [ICOM] FS: Icom SM-20 desk mic

Is that what I said? Supposed to be $120 shipped. Thanks for pointing that
out.

73s John AA5JG

On Thu, Jan 6, 2011 at 1:05 PM, Don Cunningham <wb5hak@...> wrote:

> Are you saying you have an SM-20 for sale at $20 plus shipping?? If so,
> I'll take it!!
> 73,
> Don, WB5HAK
>
> ----
> Your Moderator: Dick Flanagan K7VC: icom-owner@...
> Icom Users Net: Sundays, 1700Z, 14.316 MHz
> Icom FAQ: http://www.qsl.net/icom/
> To support QSL/QTH.net: http://www.qsl.net/donate.html
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18537. FS: CF-706 diplexer

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-08 19:48:53 UTC
From: John Geiger
Topic: 18537  Message: 18537

I have for sale a Comet CF-706 diplexer which splits aparts HF/6m from 2m/70cm. Uses a SO239 jack on the common input and has leads with PL259 jacks for the HF/6 side and the 2m/70cm side. This diplexer is perfect if you want to use a Icom 706 or Yaesu FT100/857/897 with one antenna for HF, VHF and UHF, or also for a Yaesu FT8900 if you want to use different antennas for HF/6m and 2m/70cm.

THese sell new for $70 plus shipping. I am asking $40 shipped and can take paypal/check/MO.

Also have a Jetstream 2 position antenna switch for $17 shipped if anyone is intersted in that.

73s John AA5JG

[Non-text portions of this message have been removed]

# 18538. Wanted: Icom 706 or MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-09 21:22:17 UTC
From: John Geiger
Topic: 18538  Message: 18538

I am looking for an Icom 706 original or 706MKII in good operational condition. Physical condition not real important as long as everything work ok on it. Need power cord and mic, any other accessories would also be welcome with it.

I have a Yaesu FT450 I can trade towards it (with maybe some cash on your end), or a Kenwood TM-V7A dualband dual receive FM rig I would trade with some cash towards one. Can also buy the right rig outright.

Let me know if you have one available.

73s John AA5JG

[Non-text portions of this message have been removed]

# 18539. Re: [ic706] Wanted: Icom 706 or MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-10 02:41:16 UTC
From: K4GM
Topic: 18538  Message: 18539

I have a 706 MkII with power cable hand mic cable for remote head etc.
Contact me off list.
George K4GM

Sent via DROID on Verizon Wireless

-----Original message-----
From: John Geiger <aa5jg@...>
To: ic706@yahoogroups.com, ic-706mkiig@yahoogroups.com, ICOM Reflector
<icom@...>
Sent: Sun, Jan 9, 2011 21:22:17 GMT+00:00
Subject: [ic706] Wanted: Icom 706 or MKII

I am looking for an Icom 706 original or 706MKII in good operational condition. Physical condition not real important as long as everything work ok on it. Need power cord and mic, any other accessories would also be welcome with it.

I have a Yaesu FT450 I can trade towards it (with maybe some cash on your end), or a Kenwood TM-V7A dualband dual receive FM rig I would trade with some cash towards one. Can also buy the right rig outright.

Let me know if you have one available.

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18540. Re: DC power cycling problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-09 23:14:54 UTC
From: Robert Zwarteveen
Topic: 18513  Message: 18540

Hi Steve

I had a very similar problem. My 706 power cycled and the relay clicked intermittently even when I wasn't transmitting. It came good for a while and then started again. I tracked it down to a break in a track on the PLL board thanks to Google and Mike (N1EQ).

I have uploaded a file with the details for those interested. Mine was not as bad as the one shown in the pictures. It was only a small break in the track. I could measure it with a multimeter. The track supplied power to the CPU. I fixed it by simply bridging the break. It is all working fine now.

Regards
Robert Z
VK3ZWA

--- In ic706@yahoogroups.com, "kf6aj" <kf6aj@...> wrote:
>
> To the group;
>
> I own a 706MKII that has been misbehaving in the past year. The unit powers down and then comes back on when I transmit in SSB ☐ 1.8 to 50MHz only. The VHF FM operation is OK. Looks as if the problem goes away if I reduce the transmit power to level 7. The problem occurs in the car (battery power) as well as on the bench (15A DC supply). The bench power cord has no fuses and measuring the voltage at the internal 4A fuse shows the voltage is still there even though the power down mode happens. Another symptom, the internal relay does click off during a recycle mode.
>
> Please advise if there is fix.
> 73 and thanks,
> Steve
> W1SMS
> Steven M. Simons
> ssimons@...
>

# 18541. Re: [ic706] Wanted: Icom 706 or MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-10 04:16:34 UTC
From: Geoffrey Barnett
Topic: 18538  Message: 18541

I still have the 706 with accs available. If you are interested call me @
626 3544975 Or shoot your ph# and I'll call you.
de N7OAK

On Sun, Jan 9, 2011 at 1:22 PM, John Geiger <aa5jg@...> wrote:

>
>
> I am looking for an Icom 706 original or 706MKII in good operational
> condition. Physical condition not real important as long as everything work
> ok on it. Need power cord and mic, any other accessories would also be
> welcome with it.
>
> I have a Yaesu FT450 I can trade towards it (with maybe some cash on your
> end), or a Kenwood TM-V7A dualband dual receive FM rig I would trade with
> some cash towards one. Can also buy the right rig outright.
>
> Let me know if you have one available.
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>
>
>

--
de N7OAK

[Non-text portions of this message have been removed]

# 18542. Ideas on controlling 706 as a link radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-14 13:34:24 UTC
From: n7esu
Topic: 18542  Message: 18542

I have a VHF repeater using a RLC2 controller by Link Communications. Also attached to the controller is a ICOM Mk2 (not G) as a link radio which I MANUALLY switch from either 6M or 10M, this allowes me to use 10m or 6m via the 2M repeater--everything works fine. My question is does anybody have any ideas on how I can remotely switch memory channels on the 706? I have programmed 2 channels,one 6m and one 10m channel but want to get out of having to drive to the repeater to switch channels depending on what we want to use. I have available touch tone control output using the controller and also can switch a stand alone external relay via the internet available. I dont necessarily need feed-back on which band is selected just be able to toggle between the 2 channels. Any ideas would be appreciated. 73 JIm

# 18543. RE: [ic706] Ideas on controlling 706 as a link radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-14 15:28:48 UTC
From: Joe Ames W3JY
Topic: 18542  Message: 18543

http://www.eham.net/reviews/detail/8561

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of n7esu
Sent: Friday, January 14, 2011 8:34 AM
To: ic706@yahoogroups.com
Subject: [ic706] Ideas on controlling 706 as a link radio

I have a VHF repeater using a RLC2 controller by Link Communications. Also attached to the controller is a ICOM Mk2 (not G) as a link radio which I MANUALLY switch from either 6M or 10M, this allowes me to use 10m or 6m via the 2M repeater--everything works fine. My question is does anybody have any ideas on how I can remotely switch memory channels on the 706? I have programmed 2 channels,one 6m and one 10m channel but want to get out of having to drive to the repeater to switch channels depending on what we want to use. I have available touch tone control output using the controller and also can switch a stand alone external relay via the internet available. I dont necessarily need feed-back on which band is selected just be able to toggle between the 2 channels. Any ideas would be appreciated. 73 JIm

[Non-text portions of this message have been removed]

# 18544. IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 15:29:24 UTC
From: kb0swo
Topic: 18544  Message: 18544

I have an IC 706MKII that my daughter plugged into the rj45 port on my computer. The computer was off and unplugged but the radio instantly went dead... It blew the fuse on the power supply. I have tracked the fault to the PA board... I checked the power reversal protection it's ok. i removed the R35 large wire wound resistor 5W .012OHM resistor this allowed the radio to power up but with no RF output. My question is were would I look beyond that for a fault... If the finals are shorted will this cause the radio to blow the power supply fuse??? I only have a DMM to test with any type of help. Reference point to test any equiptment I can build links to info or test equipment is appreciated. What is the state of the relays on the pa board. What else might be causing this problem... This is the only board under test at the moment, nothing is connected to it the board is not in the radio and on my workbench i can only supply it with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps for testing purposes... I am not in the market for another radio nor can I afford to send it to a repair shop... I would prefer to attempt to fix this myself if I can.

# 18545. IC706MKIIg for sale.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-14 16:46:21 UTC
From: n4rp@aiko.com
Topic: 18545  Message: 18545

Very good condition Icom IC-706MKIIG HF/VHF/UHF transceiver. Includes DSP, UT-102 Voice Synthesizer, HM-154T Touchtone mic, mobile mounting bracket, separation cable, remote head mount, power cord, box, manual. Has some small scratches on the chassis and a small dent from mobile operation. Head is in excellent condition. The only functional issue is that the internal speaker does not work, unit works fine with an external speaker or headset. A small external speaker will be included.
$675 shipped CONUS, will consider a Macbook/Macbook pro or Intel Mac Mini in trade.

73, Ross N4RP

# 18546. RE: [ic706] IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 17:09:13 UTC
From: bruce.clements@sympatico.ca
Topic: 18544  Message: 18546

did she plug in the mic jack on the head or the filter board???

bruce ve3bv

To: ic706@yahoogroups.com
From: kb0swo@...
Date: Sat, 15 Jan 2011 15:29:24 +0000
Subject: [ic706] IC 706MKII PA problem

I have an IC 706MKII that my daughter plugged into the rj45 port on my computer. The computer was off and unplugged but the radio instantly went dead... It blew the fuse on the power supply. I have tracked the fault to the PA board... I checked the power reversal protection it's ok. i removed the R35 large wire wound resistor 5W .012OHM resistor this allowed the radio to power up but with no RF output. My question is were would I look beyond that for a fault... If the finals are shorted will this cause the radio to blow the power supply fuse??? I only have a DMM to test with any type of help. Reference point to test any equiptment I can build links to info or test equipment is appreciated. What is the state of the relays on the pa board. What else might be causing this problem... This is the only board under test at the moment, nothing is connected to it the board is not in the radio and on my workbench i can only supply it with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps for testing purposes... I am not in the market for another radio nor can I afford to send it to a repair shop... I would prefer to attempt to fix this myself if I can.

[Non-text portions of this message have been removed]

# 18547. Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 20:54:28 UTC
From: zl1tbg
Topic: 18544  Message: 18547

Try Mods.dk or Qrz.com for the schematics. I can only think that an incorrect RJ45 might burn out the +8v regulator that has a connection on pin 1.

As its a MKII, I dont have the manuals, they had Bipolar finals, the possibility is if they are biased hard on they will blow fuses. Finals usually are powered continuously from the +12v supply, just enabled for transmit by applying bias.

Ralph
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> did she plug in the mic jack on the head or the filter board???
>
> bruce ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: kb0swo@...
> Date: Sat, 15 Jan 2011 15:29:24 +0000
> Subject: [ic706] IC 706MKII PA problem
>
>
>
>
>
>
>
> I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> The computer was off and unplugged but the radio instantly went dead... It blew
> the fuse on the power supply. I have tracked the fault to the PA board... I
> checked the power reversal protection it's ok. i removed the R35 large wire
> wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> no RF output. My question is were would I look beyond that for a fault... If the
> finals are shorted will this cause the radio to blow the power supply fuse??? I
> only have a DMM to test with any type of help. Reference point to test any
> equiptment I can build links to info or test equipment is appreciated. What is
> the state of the relays on the pa board. What else might be causing this
> problem... This is the only board under test at the moment, nothing is connected
> to it the board is not in the radio and on my workbench i can only supply it
> with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> for testing purposes... I am not in the market for another radio nor can I
> afford to send it to a repair shop... I would prefer to attempt to fix this
> myself if I can.
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

# 18548. Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 21:26:05 UTC
From: kb0swo
Topic: 18544  Message: 18548

Bruce...The mic jack on the filter board the mic was in the head mic jack at the time
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> did she plug in the mic jack on the head or the filter board???
>
> bruce ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: kb0swo@...
> Date: Sat, 15 Jan 2011 15:29:24 +0000
> Subject: [ic706] IC 706MKII PA problem
>
>
>
>
>
>
> I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> The computer was off and unplugged but the radio instantly went dead... It blew
> the fuse on the power supply. I have tracked the fault to the PA board... I
> checked the power reversal protection it's ok. i removed the R35 large wire
> wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> no RF output. My question is were would I look beyond that for a fault... If the
> finals are shorted will this cause the radio to blow the power supply fuse??? I
> only have a DMM to test with any type of help. Reference point to test any
> equiptment I can build links to info or test equipment is appreciated. What is
> the state of the relays on the pa board. What else might be causing this
> problem... This is the only board under test at the moment, nothing is connected
> to it the board is not in the radio and on my workbench i can only supply it
> with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> for testing purposes... I am not in the market for another radio nor can I
> afford to send it to a repair shop... I would prefer to attempt to fix this
> myself if I can.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18549. Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 21:40:15 UTC
From: kb0swo
Topic: 18544  Message: 18549

Ralph... Would this cause a dead short on the PA board... This is my first problem. I have a dead short on the PA board. I removd the resistor that is in line as at my best guess a voltage reference for the finals. I don't have a resistor of low enough resistance to replace it at the moment or a meter of low enough reading to correctly test it it is a 5W 0.012ohm resistor and the lowest test level on my meter is 200 ohms it registers 0.8ohm so I have no clue. I do have the schmeatics for the radio just no knowledge of test procedures and only a DMM for test equiptment... I can't power the board to test for voltages at least half of the board anyway....
--- In ic706@yahoogroups.com, "zl1tbg" <sanson.r@...> wrote:
>
> Try Mods.dk or Qrz.com for the schematics. I can only think that an incorrect RJ45 might burn out the +8v regulator that has a connection on pin 1.
>
> As its a MKII, I dont have the manuals, they had Bipolar finals, the possibility is if they are biased hard on they will blow fuses. Finals usually are powered continuously from the +12v supply, just enabled for transmit by applying bias.
>
> Ralph
> --- In ic706@yahoogroups.com, <bruce.clements@> wrote:
> >
> >
> > did she plug in the mic jack on the head or the filter board???
> >
> > bruce ve3bv
> >
> >
> >
> > To: ic706@yahoogroups.com
> > From: kb0swo@
> > Date: Sat, 15 Jan 2011 15:29:24 +0000
> > Subject: [ic706] IC 706MKII PA problem
> >
> >
> >
> >
> >
> >
> >
> > I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> > The computer was off and unplugged but the radio instantly went dead... It blew
> > the fuse on the power supply. I have tracked the fault to the PA board... I
> > checked the power reversal protection it's ok. i removed the R35 large wire
> > wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> > no RF output. My question is were would I look beyond that for a fault... If the
> > finals are shorted will this cause the radio to blow the power supply fuse??? I
> > only have a DMM to test with any type of help. Reference point to test any

> > equiptment I can build links to info or test equipment is appreciated. What is
> > the state of the relays on the pa board. What else might be causing this
> > problem... This is the only board under test at the moment, nothing is connected
> > to it the board is not in the radio and on my workbench i can only supply it
> > with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> > for testing purposes... I am not in the market for another radio nor can I
> > afford to send it to a repair shop... I would prefer to attempt to fix this
> > myself if I can.
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 18550. RE: [ic706] Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-15 22:58:22 UTC
From: bruce.clements@sympatico.ca
Topic: 18544  Message: 18550

I am presently working on a 706mk2 not a "g" ..I have drawings in pdf format do you need to know where I got them?

bruce
ve3bv

To: ic706@yahoogroups.com
From: kb0swo@...
Date: Sat, 15 Jan 2011 21:26:05 +0000
Subject: [ic706] Re: IC 706MKII PA problem

Bruce...The mic jack on the filter board the mic was in the head mic jack at the time
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> did she plug in the mic jack on the head or the filter board???
>
> bruce ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: kb0swo@...
> Date: Sat, 15 Jan 2011 15:29:24 +0000
> Subject: [ic706] IC 706MKII PA problem
>
>
>
>
>
>
>
> I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> The computer was off and unplugged but the radio instantly went dead... It blew
> the fuse on the power supply. I have tracked the fault to the PA board... I
> checked the power reversal protection it's ok. i removed the R35 large wire
> wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> no RF output. My question is were would I look beyond that for a fault... If the
> finals are shorted will this cause the radio to blow the power supply fuse??? I
> only have a DMM to test with any type of help. Reference point to test any
> equiptment I can build links to info or test equipment is appreciated. What is
> the state of the relays on the pa board. What else might be causing this
> problem... This is the only board under test at the moment, nothing is connected
> to it the board is not in the radio and on my workbench i can only supply it
> with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> for testing purposes... I am not in the market for another radio nor can I
> afford to send it to a repair shop... I would prefer to attempt to fix this

> myself if I can.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18551. Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-16 02:35:23 UTC
From: kb0swo
Topic: 18544  Message: 18551

I am also working on a non G I do have a service manual but if U have some other type of drawings or anything I would love to know where you got them. I am not good at the testing process and only own a DMM but it doesn't much matter as I can't put current to the PA board anyway....
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> I am presently working on a 706mk2 not a "g" ..I have drawings in pdf format do you need to know where I got them?
>
> bruce
> ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: kb0swo@...
> Date: Sat, 15 Jan 2011 21:26:05 +0000
> Subject: [ic706] Re: IC 706MKII PA problem
>
>
>
>
>
>
>
> Bruce...The mic jack on the filter board the mic was in the head mic jack at the time
> --- In ic706@yahoogroups.com, <bruce.clements@> wrote:
> >
> >
> > did she plug in the mic jack on the head or the filter board???
> >
> > bruce ve3bv
> >
> >
> >
> > To: ic706@yahoogroups.com
> > From: kb0swo@
> > Date: Sat, 15 Jan 2011 15:29:24 +0000
> > Subject: [ic706] IC 706MKII PA problem
> >
> >
> >
> >
> >
> >

> > I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> > The computer was off and unplugged but the radio instantly went dead... It blew
> > the fuse on the power supply. I have tracked the fault to the PA board... I
> > checked the power reversal protection it's ok. i removed the R35 large wire
> > wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> > no RF output. My question is were would I look beyond that for a fault... If the
> > finals are shorted will this cause the radio to blow the power supply fuse??? I
> > only have a DMM to test with any type of help. Reference point to test any
> > equiptment I can build links to info or test equipment is appreciated. What is
> > the state of the relays on the pa board. What else might be causing this
> > problem... This is the only board under test at the moment, nothing is connected
> > to it the board is not in the radio and on my workbench i can only supply it
> > with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> > for testing purposes... I am not in the market for another radio nor can I
> > afford to send it to a repair shop... I would prefer to attempt to fix this
> > myself if I can.
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18552. RE: [ic706] Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-16 03:31:51 UTC
From: bruce.clements@sympatico.ca
Topic: 18544  Message: 18552

I got mine on a site called repeaterbuilder.com....if I goof it google it and you will find it..go to the Icom section and 3/4 way down you will find the 706's ..

The unit I have was hit by lightning and I have re-built most of it and am now waiting for parts ..the vhf is on the air from parts I found in some old commercial junk I had..

bruce ve3bv

To: ic706@yahoogroups.com
From: kb0swo@...
Date: Sun, 16 Jan 2011 02:35:23 +0000
Subject: [ic706] Re: IC 706MKII PA problem

I am also working on a non G I do have a service manual but if U have some other type of drawings or anything I would love to know where you got them. I am not good at the testing process and only own a DMM but it doesn't much matter as I can't put current to the PA board anyway....
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> I am presently working on a 706mk2 not a "g" ..I have drawings in pdf format do you need to know where I got them?
>
> bruce
> ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: kb0swo@...
> Date: Sat, 15 Jan 2011 21:26:05 +0000
> Subject: [ic706] Re: IC 706MKII PA problem
>
>
>
>
>
>
>
> Bruce...The mic jack on the filter board the mic was in the head mic jack at the time
> --- In ic706@yahoogroups.com, <bruce.clements@> wrote:
> >
> >
> > did she plug in the mic jack on the head or the filter board???
> >
> > bruce ve3bv
> >

> >
> >
> > To: ic706@...m
> > From: kb0swo@
> > Date: Sat, 15 Jan 2011 15:29:24 +0000
> > Subject: [ic706] IC 706MKII PA problem
> >
> >
> >
> >
> >
> >
> > I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> > The computer was off and unplugged but the radio instantly went dead... It blew
> > the fuse on the power supply. I have tracked the fault to the PA board... I
> > checked the power reversal protection it's ok. i removed the R35 large wire
> > wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> > no RF output. My question is were would I look beyond that for a fault... If the
> > finals are shorted will this cause the radio to blow the power supply fuse??? I
> > only have a DMM to test with any type of help. Reference point to test any
> > equiptment I can build links to info or test equipment is appreciated. What is
> > the state of the relays on the pa board. What else might be causing this
> > problem... This is the only board under test at the moment, nothing is connected
> > to it the board is not in the radio and on my workbench i can only supply it
> > with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> > for testing purposes... I am not in the market for another radio nor can I
> > afford to send it to a repair shop... I would prefer to attempt to fix this
> > myself if I can.
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18553. Re: [ic706] IC706MKIIg for sale.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-16 08:56:21 UTC
From: Scientist
Topic: 18545  Message: 18553

Happy 2011
I live in Barbados, West Indies
Postal code BB11153
how much to ship to me

--- On Fri, 1/14/11, n4rp@... <n4rp@...> wrote:

From: n4rp@... <n4rp@...>
Subject: [ic706] IC706MKIIg for sale.
To: ic706@yahoogroups.com
Date: Friday, January 14, 2011, 12:46 PM

Very good condition Icom IC-706MKIIG HF/VHF/UHF transceiver. Includes DSP, UT-102 Voice Synthesizer, HM-154T Touchtone mic, mobile mounting bracket, separation cable, remote head mount, power cord, box, manual. Has some small scratches on the chassis and a small dent from mobile operation. Head is in excellent condition. The only functional issue is that the internal speaker does not work, unit works fine with an external speaker or headset. A small external speaker will be included.
$675 shipped CONUS, will consider a Macbook/Macbook pro or Intel Mac Mini in trade.

73, Ross N4RP

[Non-text portions of this message have been removed]

# 18554. Re: IC 706MKII PA problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-16 09:45:53 UTC
From: zl1tbg
Topic: 18544  Message: 18554

I doubt anything plugged into the RJ45 would cause a complete short on the PA board. However there are plenty of places a short could be happening once the covers are removed. Need to make sure no screw or washer or grounding clip has got misplaced. A short such as the finals drawing enough to blow the fuse is a possibility if the +8v regulator got destroyed, or if the finals are not getting the correct bias (this depends on the RF power setting, and might be wrong if the board is not installed with the radio). You might want to unsolder the choke / transformer that feeds raw 13.6volts to the finals and check for the short again. Maybe a capacitor has shorted to ground, in the +13.6volt line.

I have a 706 original and a MK2g, but no troubles with the finals. The SWR bridge can burn up a trimmer, but this doesnt cause the short you are reporting

Ralph
--- In ic706@yahoogroups.com, "kb0swo" <kb0swo@...> wrote:
>
> Ralph... Would this cause a dead short on the PA board... This is my first problem. I have a dead short on the PA board. I removd the resistor that is in line as at my best guess a voltage reference for the finals. I don't have a resistor of low enough resistance to replace it at the moment or a meter of low enough reading to correctly test it it is a 5W 0.012ohm resistor and the lowest test level on my meter is 200 ohms it registers 0.8ohm so I have no clue. I do have the schmeatics for the radio just no knowledge of test procedures and only a DMM for test equiptment... I can't power the board to test for voltages at least half of the board anyway....
> --- In ic706@yahoogroups.com, "zl1tbg" <sanson.r@> wrote:
> >
> > Try Mods.dk or Qrz.com for the schematics. I can only think that an incorrect RJ45 might burn out the +8v regulator that has a connection on pin 1.
> >
> > As its a MKII, I dont have the manuals, they had Bipolar finals, the possibility is if they are biased hard on they will blow fuses. Finals usually are powered continuously from the +12v supply, just enabled for transmit by applying bias.
> >
> > Ralph
> > --- In ic706@yahoogroups.com, <bruce.clements@> wrote:
> > >
> > >
> > > did she plug in the mic jack on the head or the filter board???
> > >
> > > bruce ve3bv
> > >
> > >
> > >
> > > To: ic706@yahoogroups.com
> > > From: kb0swo@
> > > Date: Sat, 15 Jan 2011 15:29:24 +0000

> > > Subject: [ic706] IC 706MKII PA problem
> > >
> > >
> > >
> > >
> > >
> > >
> > > I have an IC 706MKII that my daughter plugged into the rj45 port on my computer.
> > > The computer was off and unplugged but the radio instantly went dead... It blew
> > > the fuse on the power supply. I have tracked the fault to the PA board... I
> > > checked the power reversal protection it's ok. i removed the R35 large wire
> > > wound resistor 5W .012OHM resistor this allowed the radio to power up but with
> > > no RF output. My question is were would I look beyond that for a fault... If the
> > > finals are shorted will this cause the radio to blow the power supply fuse??? I
> > > only have a DMM to test with any type of help. Reference point to test any
> > > equiptment I can build links to info or test equipment is appreciated. What is
> > > the state of the relays on the pa board. What else might be causing this
> > > problem... This is the only board under test at the moment, nothing is connected
> > > to it the board is not in the radio and on my workbench i can only supply it
> > > with 12 volts low amperage or the recommended voltage or 5 volts at about 3 amps
> > > for testing purposes... I am not in the market for another radio nor can I
> > > afford to send it to a repair shop... I would prefer to attempt to fix this
> > > myself if I can.
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 18555. Re:IC-706 MkII does not hold Freq and Band buttons beep but do not work

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-18 02:02:53 UTC
From: ve3bv
Topic: 17840  Message: 18555

I have the exact same problem...I have been told that the eeprom is gone bad...
bruce
ve3bv

--- In ic706@yahoogroups.com, Bob Hayner <n2rch@...> wrote:
>
> Hi Guys,
> I own a 706 MkII.....from page 49 of the instruction manual:
> /"All of the CPU's memory is backed up by an EEP-ROM
> (Electronically-Erasable Programmable Read Only Memory). All data you
> set, such as VFO, memory, set mode contents, etc is stored in this
> EEP-ROM. There is no internal lithium battery."
>
> /I hope this helps answer your question....GL
> 73,.......Bob N2RCH
>
>
> Phil Williams wrote:
> >
> >
> > I'm not sure, but is there a lithium memory back-up battery in the '706?
> > eventually these go flat and strange things
> > can happen on power-up as the processor is confused.
> >
> > Phil G3YPQ
> > www.cornwallharpcentre.co.uk
> > www.trehawsa.com
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18556. IC 706MK11--NON--G. 2m tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-18 22:08:46 UTC
From: kb0swo
Topic: 18556  Message: 18556

I am having a problem with the ic 706MKII. I key the mic on 2M in any mode ssb am fm rtty and even at low power the meter goes full scale PO. This has been an intermittent problem used it fin on 2 meters about 2 hours ago for a quick qso. 15 minutes later i keyed it on same freq and full scale but it didn't trip the repeater. decided to see if it would register on another radio and even with the antennas 3 ft apart nothing didn't even register on the other radio... I have had more problems with this radio than anything else i've owned... just got done replacing the hf finals in it... Any ideas this problem reared it's head b4 the hf finals went and is very intermittent...

# 18558. Re: [ic706] RigExpert Standard and HRD

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-20 06:58:29 UTC
From: Jack
Topic: 18557  Message: 18558

To read freq on the 706 you will need a CI-V cable / interface as well as
the control interface.

N6UYB
Jack E. Foster
----- Original Message -----
From: "kc1ml" <kc1ml@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, January 18, 2011 22:57
Subject: [ic706] RigExpert Standard and HRD

> looking for help with running the IC-706MKIIG, RigExpert Standard, and the
> Ham Radio Deluxe software. The cables have been bought pre-made for the
> 706. HRD can't read the frequency etc,..... Now, when I switch from the
> 706 to the FT100D and cables there's no problem, so I know the rigexpert
> is working fine, I've checked the wiring diagram against the cables and
> everything appears ok there also. Any help would be greatly! appreciated.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18559. Original 706 service manual pics

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-25 14:49:55 UTC
From: n0sya
Topic: 18559  Message: 18559

Hi guys, do any of you have pics of the boards with parts numbers (such as main board, rf board, etc) from the service manual to let on?

Thanks for any reply,

Chris

# 18560. 706 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-25 15:26:13 UTC
From: n0sya
Topic: 18560  Message: 18560

At turn on, a 706 has no audio. If the band scope runs for a few minutes clicking relays and so on the audio comes back. Anyone dealt with anything similar before?

Thanks for any replies

Chris

# 18561. Re: [ic706] 706 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-25 17:46:35 UTC
From: Bob Reiff
Topic: 18560  Message: 18561

Unplug the mic and retry. Maybe something as simple as a PTT switch?

Bob, WA8ULW

n0sya wrote:

>
>
>

[Non-text portions of this message have been removed]

# 18562. Re: 706 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-25 23:03:59 UTC
From: Steve
Topic: 18560  Message: 18562

earlier in the week I found I accidentily engaged my VOX and my radio would key up when I layed the mic down.

Is it possible your VOX is on and set to high sensitivity?

--- In ic706@yahoogroups.com, "n0sya" <n0sya@...> wrote:
>
> At turn on, a 706 has no audio. If the band scope runs for a few minutes clicking relays and so on the audio comes back. Anyone dealt with anything similar before?
>
> Thanks for any replies
>
> Chris
>

# 18563. Re: [ic706] Original 706 service manual pics

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-26 12:23:13 UTC
From: raritan36@aol.com
Topic: 18559  Message: 18563

Go to www.nods.dl and download the entire service manual
Sent via DROID on Verizon Wireless

-----Original message-----
From: n0sya <n0sya@...>
To: ic706@yahoogroups.com
Sent: Tue, Jan 25, 2011 14:50:10 GMT+00:00
Subject: [ic706] Original 706 service manual pics

Hi guys, do any of you have pics of the boards with parts numbers (such as
main board, rf board, etc) from the service manual to let on?

Thanks for any reply,

Chris

[Non-text portions of this message have been removed]

# 18564. Re: [ic706] Original 706 service manual pics

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-26 15:02:36 UTC
From: Jack
Topic: 18559  Message: 18564

Chris,
I think he meant WWW.MODS.DK

N6UYB
Jack E. Foster
----- Original Message -----
From: "raritan36@..." <Raritan36@...>
To: <ic706@yahoogroups.com>
Sent: Wednesday, January 26, 2011 07:23
Subject: Re: [ic706] Original 706 service manual pics

> Go to www.nods.dl and download the entire service manual
> Sent via DROID on Verizon Wireless
>
> -----Original message-----
> From: n0sya <n0sya@...>
> To: ic706@yahoogroups.com
> Sent: Tue, Jan 25, 2011 14:50:10 GMT+00:00
> Subject: [ic706] Original 706 service manual pics
>
> Hi guys, do any of you have pics of the boards with parts numbers (such as
> main board, rf board, etc) from the service manual to let on?
>
> Thanks for any reply,
>
> Chris
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18565. Re: [ic706] Original 706 service manual pics

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-26 22:36:01 UTC
From: A Wallace
Topic: 18559  Message: 18565

Someone switched his keycaps eh??!!

On 27/01/2011 1:32 AM, Jack wrote:
>
> Chris,
> I think he meant WWW.MODS.DK
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "raritan36@... <mailto:raritan36%40aol.com>"
> <Raritan36@... <mailto:Raritan36%40Aol.com>>
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>>
> Sent: Wednesday, January 26, 2011 07:23
> Subject: Re: [ic706] Original 706 service manual pics
>
> > Go to www.nods.dl and download the entire service manual
> > Sent via DROID on Verizon Wireless
> >
> > -----Original message-----
> > From: n0sya <n0sya@... <mailto:n0sya%40yahoo.com>>
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Sent: Tue, Jan 25, 2011 14:50:10 GMT+00:00
> > Subject: [ic706] Original 706 service manual pics
> >
> > Hi guys, do any of you have pics of the boards with parts numbers
> (such as
> > main board, rf board, etc) from the service manual to let on?
> >
> > Thanks for any reply,
> >
> > Chris
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >

>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1191 / Virus Database: 1435/3403 - Release Date: 01/25/11
>

[Non-text portions of this message have been removed]

# 18566. What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 01:36:31 UTC
From: w6bts
Topic: 18566  Message: 18566

Can anyone please tell me exactly what the difference is between the IC-706 and the IC-706MKII?

Tks,

Dave

# 18567. Re: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 02:06:33 UTC
From: Scott Brown
Topic: 18566  Message: 18567

An increase from 10 watts on 2 meters to 20 watts on 2 meters.

On Jan 26, 2011, at 8:36 PM, w6bts wrote:

> Can anyone please tell me exactly what the difference is between the IC-706 and the IC-706MKII?
>
> Tks,
>
> Dave
>
>

[Non-text portions of this message have been removed]

# 18568. Re: What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 08:57:24 UTC
From: zl1tbg
Topic: 18566  Message: 18568

and the option of DSP, different control head, bipolar transistor finals. (706 and 706mk2g use FETS)

Ralph

--- In ic706@yahoogroups.com, Scott Brown <kd4ydd@...> wrote:
>
> An increase from 10 watts on 2 meters to 20 watts on 2 meters.
>
>
> On Jan 26, 2011, at 8:36 PM, w6bts wrote:
>
> > Can anyone please tell me exactly what the difference is between the IC-706 and the IC-706MKII?
> >
> > Tks,
> >
> > Dave
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 18569. RE: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 13:24:28 UTC
From: barry whittemore
Topic: 18566  Message: 18569

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

To: ic706@yahoogroups.com
From: w6bts@...
Date: Thu, 27 Jan 2011 01:36:31 +0000
Subject: [ic706] What's The Difference...

Can anyone please tell me exactly what the difference is between the IC-706 and the IC-706MKII?

Tks,

Dave

[Non-text portions of this message have been removed]

# 18570. Re: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 14:44:10 UTC
From: Larry J. Ford
Topic: 18566  Message: 18570

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

To: ic706@yahoogroups.com
From: w6bts@...
Date: Thu, 27 Jan 2011 01:36:31 +0000
Subject: [ic706] What's The Difference...

Can anyone please tell me exactly what the difference is between the IC-706 and the IC-706MKII?

Tks,

Dave

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18571. RE: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 14:53:05 UTC
From: Joe Ames W3JY
Topic: 18566  Message: 18571

DSP is an optional upgrade for the MkIIg although it seems to be bundled frequently as an incentive.

The other important difference is that the MkII and MkIIg have the industry standard 1200B, mini-DIN packet data port.

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, January 27, 2011 9:44 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

[Non-text portions of this message have been removed]

# 18572. Re: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 15:04:02 UTC
From: Larry J. Ford
Topic: 18566  Message: 18572

OK, didn't know that the DSP was optional on the MKIIG as they all seemed to have the DSP included.

Not familiar with the "standard 1200B, mini-DIN packet data port." My third rig is an IC-7200, and that's what I use for all my digital operating (that USB port sure is handy). Is the DIN port you mention separate from the ACC port and CI-V port?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Ames W3JY
To: ic706@yahoogroups.com
Sent: Thursday, January 27, 2011 9:53 AM
Subject: RE: [ic706] What's The Difference...

DSP is an optional upgrade for the MkIIg although it seems to be bundled frequently as an incentive.

The other important difference is that the MkII and MkIIg have the industry standard 1200B, mini-DIN packet data port.

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, January 27, 2011 9:44 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.

the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18573. RE: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-27 15:10:37 UTC
From: Joe Ames W3JY
Topic: 18566  Message: 18573

Roger that Larry. Your 7200 has it too. It looks like a mouse port tucked away near the 13-pin accessory socket.

So the MkII models have the 13-pin for RTTY type modes and other accessories; the mini-DIN for packet; and the CI/V

The 7200 has those plus the mini-USB (I've got one too - lots to like about it but I wish it had a better data mode implementation, selectable along with CW/RTTY/SSB etc rather than a deep menu option).

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, January 27, 2011 10:04 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

OK, didn't know that the DSP was optional on the MKIIG as they all seemed to have the DSP included.

Not familiar with the "standard 1200B, mini-DIN packet data port." My third rig is an IC-7200, and that's what I use for all my digital operating (that USB port sure is handy). Is the DIN port you mention separate from the ACC port and CI-V port?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 18577. Re: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-28 19:22:23 UTC
From: Larry J. Ford
Topic: 18566  Message: 18577

Joe,

Your comment about the MKII having the mini-DIN data port got me looking, as I had not seen that on the rig, nor in the instruction manual.

At a minimum, I can say that mini-DIN port is NOT included on my MKII nor mentioned or shown in the instruction manual.

It apparently first appeared on the MKIIG (or perhaps later versions of the MKII). The MKIIG manual shows it and states: "
"DATA JACK [DATA] (p. 12)

6-pin min DIN jack to connect a TNC, etc. for packet

operation."

Definitely not on my MKII, however.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Ames W3JY
To: ic706@yahoogroups.com
Sent: Thursday, January 27, 2011 9:53 AM
Subject: RE: [ic706] What's The Difference...

DSP is an optional upgrade for the MkIIg although it seems to be bundled frequently as an incentive.

The other important difference is that the MkII and MkIIg have the industry standard 1200B, mini-DIN packet data port.

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, January 27, 2011 9:44 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18578. RE: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-28 19:55:29 UTC
From: Joe Ames W3JY
Topic: 18566  Message: 18578

Well, in that case I'm glad I didn't buy that MkII on eBay a few months ago, lol.

I stand corrected!

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Friday, January 28, 2011 2:22 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

Joe,

Your comment about the MKII having the mini-DIN data port got me looking, as I had not seen that on the rig, nor in the instruction manual.

At a minimum, I can say that mini-DIN port is NOT included on my MKII nor mentioned or shown in the instruction manual.

It apparently first appeared on the MKIIG (or perhaps later versions of the MKII). The MKIIG manual shows it and states: "
"DATA JACK [DATA] (p. 12)

6-pin min DIN jack to connect a TNC, etc. for packet

operation."

Definitely not on my MKII, however.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Ames W3JY
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 9:53 AM
Subject: RE: [ic706] What's The Difference...

DSP is an optional upgrade for the MkIIg although it seems to be bundled frequently as an incentive.

The other important difference is that the MkII and MkIIg have the industry standard 1200B, mini-DIN packet data port.

Joe W3JY

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf
Of
Larry J. Ford
Sent: Thursday, January 27, 2011 9:44 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] What's The Difference...

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18579. Re: [ic706] What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-28 19:57:27 UTC
From: Larry J. Ford
Topic: 18566  Message: 18579

And it makes me want to upgrade to a MKIIG from my MKII!

LJF

----- Original Message -----
From: Joe Ames W3JY
To: ic706@yahoogroups.com
Sent: Friday, January 28, 2011 2:55 PM
Subject: RE: [ic706] What's The Difference...

Well, in that case I'm glad I didn't buy that MkII on eBay a few months ago, lol.

I stand corrected!

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Friday, January 28, 2011 2:22 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] What's The Difference...

Joe,

Your comment about the MKII having the mini-DIN data port got me looking, as I had not seen that on the rig, nor in the instruction manual.

At a minimum, I can say that mini-DIN port is NOT included on my MKII nor mentioned or shown in the instruction manual.

It apparently first appeared on the MKIIG (or perhaps later versions of the MKII). The MKIIG manual shows it and states: "
"DATA JACK [DATA] (p. 12)

6-pin min DIN jack to connect a TNC, etc. for packet

operation."

Definitely not on my MKII, however.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Ames W3JY
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 9:53 AM
Subject: RE: [ic706] What's The Difference...

DSP is an optional upgrade for the MkIIg although it seems to be bundled frequently as an incentive.

The other important difference is that the MkII and MkIIg have the industry standard 1200B, mini-DIN packet data port.

Joe W3JY

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Larry J. Ford
Sent: Thursday, January 27, 2011 9:44 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] What's The Difference...

I have both an original 706 and a 706 MKII. In addition to the doubling of power on 2 meters from 10 watts to 20 watts, the MKII added enhancements to allow it to enable an AH-4 to tune 6 meters (which an AH-4 won't do with an plain 706), and the AF DSP option was available beginning with the MKII.

Of course, the MKIIG boosted the 2 meter power even more (50 watts?), added 440 MHz band and DSP as standard, I believe.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: barry whittemore
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com>
Sent: Thursday, January 27, 2011 8:24 AM
Subject: RE: [ic706] What's The Difference...

The original IC706 had HF and 6 meters at 100 watts and 2 meters at 10 watts.
the MKII bumped the 2 meter power up to 2 watts i think and then the MKIIG added 440 band to the radio.
I own an original bought shortly after they came out.
Barry
NF1O

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18580. Re: What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-30 00:52:53 UTC
From: phil_ad5x
Topic: 18566  Message: 18580

DSP was an option in the MKII. But it has always been included in the MKIIG. The biggest probnlem with the MKII is the horrible overshoot, regardless of where you have set your transmit power. I'd be afraid to drive an amp with it. I have both a MKII and a MKIIG. On the MKII, even if I set power to minimum, it overshoots to well over 100 watts on the first dit. The MKIIG overshoots 7-10 watts when set to less than full power.

Phil - AD5X

--- In ic706@yahoogroups.com, "Joe Ames W3JY" <w3jy@...> wrote:
>
> DSP is an optional upgrade for the MkIIg although it seems to be bundled
> frequently as an incentive.
>

# 18581. IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-29 01:27:37 UTC
From: V
Topic: 13926  Message: 18581

What is the current sinking requirements for the PTT line on the FSK 1/8" RTTY connector on rear of unit?

Thank you,

Vern W9HLY

# 18582. Re: [ic706] IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-30 13:24:02 UTC
From: Jack
Topic: 13926  Message: 18582

Vern, What are you wanting to drive?

N6UYB
Jack E. Foster
----- Original Message -----
From: "V" <vernw9hly@...>
To: <ic706@yahoogroups.com>
Sent: Friday, January 28, 2011 20:27
Subject: [ic706] IC-706MKIIG

> What is the current sinking requirements for the PTT line on the FSK 1/8"
> RTTY connector on rear of unit?
>
> Thank you,
>
> Vern W9HLY
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18583. Re: [ic706] Re: What's The Difference...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-30 16:57:03 UTC
From: Larry J. Ford
Topic: 18566  Message: 18583

Phil,

Is the "overshoot" problem as pronounced with the "original" 706 as with the 706MKII?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: phil_ad5x
To: ic706@yahoogroups.com
Sent: Saturday, January 29, 2011 7:52 PM
Subject: [ic706] Re: What's The Difference...

DSP was an option in the MKII. But it has always been included in the MKIIG. The biggest probnlem with the MKII is the horrible overshoot, regardless of where you have set your transmit power. I'd be afraid to drive an amp with it. I have both a MKII and a MKIIG. On the MKII, even if I set power to minimum, it overshoots to well over 100 watts on the first dit. The MKIIG overshoots 7-10 watts when set to less than full power.

Phil - AD5X

--- In ic706@yahoogroups.com, "Joe Ames W3JY" <w3jy@...> wrote:
>
> DSP is an optional upgrade for the MkIIg although it seems to be bundled
> frequently as an incentive.
>

[Non-text portions of this message have been removed]

# 18584. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-30 21:53:21 UTC
From: V
Topic: 13926  Message: 18584

TU Jack!

On page 35 of Instruction Manual, top image, Connection for RTTY (FSK), note the 3-conductor plug. As I read it the ring is pulled to ground (PTT) and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What current do I have to sink using a transistor to do it?

I find my 3904 circuit fails to drag it to ground, still well about the approx .7v level. I have a 1k base resistor. Maybe too large.

TU for your interest.

de Vern

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> Vern, What are you wanting to drive?
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "V" <vernw9hly@...>
> To: <ic706@yahoogroups.com>
> Sent: Friday, January 28, 2011 20:27
> Subject: [ic706] IC-706MKIIG
>
>
> > What is the current sinking requirements for the PTT line on the FSK 1/8"
> > RTTY connector on rear of unit?
> >
> > Thank you,
> >
> > Vern W9HLY
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18585. Re: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-30 22:56:33 UTC
From: Jack
Topic: 13926  Message: 18585

Vern what band (VHF or HF)? and what TNC are you using?

Jack
----- Original Message -----
From: "V" <vernw9hly@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, January 30, 2011 16:53
Subject: [ic706] Re: IC-706MKIIG

>
>
>
>
>
>
> TU Jack!
>
> On page 35 of Instruction Manual, top image, Connection for RTTY (FSK),
> note the 3-conductor plug. As I read it the ring is pulled to ground (PTT)
> and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What
> current do I have to sink using a transistor to do it?
>
> I find my 3904 circuit fails to drag it to ground, still well about the
> approx .7v level. I have a 1k base resistor. Maybe too large.
>
> TU for your interest.
>
> de Vern
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>>
>> Vern, What are you wanting to drive?
>>
>> N6UYB
>> Jack E. Foster
>> ----- Original Message -----
>> From: "V" <vernw9hly@...>
>> To: <ic706@yahoogroups.com>
>> Sent: Friday, January 28, 2011 20:27
>> Subject: [ic706] IC-706MKIIG
>>
>>
>> > What is the current sinking requirements for the PTT line on the FSK
>> > 1/8"
>> > RTTY connector on rear of unit?

>> >
>> > Thank you,
>> >
>> > Vern W9HLY
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18586. Re: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-31 02:35:41 UTC
From: vernw9hly@mchsi.com
Topic: 13926  Message: 18586

Jack: HF band. No TNC, just an application that manipulates the various pins on the computer RS-232 connector. I've been through so many apps that past day or so and I am not sure what one. Possible MMTTY. In the end I want to toggle the pins (or least least some) on an RS-232 device, which switches a 2N3904 with a 1K resistor on the base, open collector, in turn switching the RTTY lines on the 706.

Confusing?

Vern W9HLY

----- Original Message -----
From: Jack <jack.mrfixit198@...>
To: ic706@yahoogroups.com
Sent: Sun, 30 Jan 2011 16:56:33 -0600 (CST)
Subject: Re: [ic706] Re: IC-706MKIIG

Vern what band (VHF or HF)? and what TNC are you using?

Jack
----- Original Message -----
From: "V" <vernw9hly@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, January 30, 2011 16:53
Subject: [ic706] Re: IC-706MKIIG

>
>
>
>
>
>
> TU Jack!
>
> On page 35 of Instruction Manual, top image, Connection for RTTY (FSK),
> note the 3-conductor plug. As I read it the ring is pulled to ground (PTT)
> and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What
> current do I have to sink using a transistor to do it?
>
> I find my 3904 circuit fails to drag it to ground, still well about the
> approx .7v level. I have a 1k base resistor. Maybe too large.
>
> TU for your interest.
>
> de Vern
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:

>>
>> Vern, What are you wanting to drive?
>>
>> N6UYB
>> Jack E. Foster
>> ----- Original Message -----
>> From: "V" <vernw9hly@...>
>> To: <ic706@yahoogroups.com>
>> Sent: Friday, January 28, 2011 20:27
>> Subject: [ic706] IC-706MKIIG
>>
>>
>> > What is the current sinking requirements for the PTT line on the FSK
>> > 1/8"
>> > RTTY connector on rear of unit?
>> >
>> > Thank you,
>> >
>> > Vern W9HLY
>> >
>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

---

Yahoo! Groups Links

# 18587. Re: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-31 03:16:07 UTC
From: Jack
Topic: 13926  Message: 18587

no not confusing, but you are putting both the computer and radio at risk
this way. you really need a bit of isolation in the circuit they is a nice
but not to expensive interface out there made by buxcomm (www.buxcomm.com)
you plug it into the usb or rs232 on your computer then with the right cable
it can plug into the 15 pin port on the 706, it is what I use in the truck
to interface the 706 to run psk with HRD and DM780 as well as several other
programs.

N6UYB
Jack E. Foster
----- Original Message -----
From: <vernw9hly@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, January 30, 2011 21:35
Subject: Re: [ic706] Re: IC-706MKIIG

> Jack: HF band. No TNC, just an application that manipulates the various
> pins on the computer RS-232 connector. I've been through so many apps that
> past day or so and I am not sure what one. Possible MMTTY. In the end I
> want to toggle the pins (or least least some) on an RS-232 device, which
> switches a 2N3904 with a 1K resistor on the base, open collector, in turn
> switching the RTTY lines on the 706.
>
> Confusing?
>
> Vern W9HLY
>
>
> ----- Original Message -----
> From: Jack <jack.mrfixit198@...>
> To: ic706@yahoogroups.com
> Sent: Sun, 30 Jan 2011 16:56:33 -0600 (CST)
> Subject: Re: [ic706] Re: IC-706MKIIG
>
> Vern what band (VHF or HF)? and what TNC are you using?
>
>
>
> Jack
> ----- Original Message -----
> From: "V" <vernw9hly@...>
> To: <ic706@yahoogroups.com>
> Sent: Sunday, January 30, 2011 16:53
> Subject: [ic706] Re: IC-706MKIIG
>

>
>>
>>
>>
>>
>>
>>
>>
>> TU Jack!
>>
>> On page 35 of Instruction Manual, top image, Connection for RTTY (FSK),
>> note the 3-conductor plug. As I read it the ring is pulled to ground
>> (PTT)
>> and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What
>> current do I have to sink using a transistor to do it?
>>
>> I find my 3904 circuit fails to drag it to ground, still well about the
>> approx .7v level. I have a 1k base resistor. Maybe too large.
>>
>> TU for your interest.
>>
>> de Vern
>>
>> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>>>
>>> Vern, What are you wanting to drive?
>>>
>>> N6UYB
>>> Jack E. Foster
>>> ----- Original Message -----
>>> From: "V" <vernw9hly@...>
>>> To: <ic706@yahoogroups.com>
>>> Sent: Friday, January 28, 2011 20:27
>>> Subject: [ic706] IC-706MKIIG
>>>
>>>
>>> > What is the current sinking requirements for the PTT line on the FSK
>>> > 1/8"
>>> > RTTY connector on rear of unit?
>>> >
>>> > Thank you,
>>> >
>>> > Vern W9HLY
>>> >
>>> >
>>> >
>>> > ------------------------------------
>>> >
>>> > Yahoo! Groups Links
>>> >
>>> >

>>> >
>>>
>>
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18588. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-01-31 18:55:23 UTC
From: EdwinB
Topic: 13926  Message: 18588

An opto-isolator is a lot cheaper than the Buxcom device, especially if one is already breadboarding an interface circuit.

Regards,
Ed

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> no not confusing, but you are putting both the computer and radio at risk
> this way. you really need a bit of isolation in the circuit they is a nice
> but not to expensive interface out there made by buxcomm (www.buxcomm.com)
> you plug it into the usb or rs232 on your computer then with the right cable
> it can plug into the 15 pin port on the 706, it is what I use in the truck
> to interface the 706 to run psk with HRD and DM780 as well as several other
> programs.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: <vernw9hly@...>
> To: <ic706@yahoogroups.com>
> Sent: Sunday, January 30, 2011 21:35
> Subject: Re: [ic706] Re: IC-706MKIIG
>
>
> > Jack: HF band. No TNC, just an application that manipulates the various
> > pins on the computer RS-232 connector. I've been through so many apps that
> > past day or so and I am not sure what one. Possible MMTTY. In the end I
> > want to toggle the pins (or least least some) on an RS-232 device, which
> > switches a 2N3904 with a 1K resistor on the base, open collector, in turn
> > switching the RTTY lines on the 706.
> >
> > Confusing?
> >
> > Vern W9HLY
> >
> >
> > ----- Original Message -----
> > From: Jack <jack.mrfixit198@...>
> > To: ic706@yahoogroups.com
> > Sent: Sun, 30 Jan 2011 16:56:33 -0600 (CST)
> > Subject: Re: [ic706] Re: IC-706MKIIG
> >
> > Vern what band (VHF or HF)? and what TNC are you using?
> >

> >
> >
> > Jack
> > ----- Original Message -----
> > From: "V" <vernw9hly@...>
> > To: <ic706@yahoogroups.com>
> > Sent: Sunday, January 30, 2011 16:53
> > Subject: [ic706] Re: IC-706MKIIG
> >
> >
> >>
> >>
> >>
> >>
> >>
> >>
> >> TU Jack!
> >>
> >> On page 35 of Instruction Manual, top image, Connection for RTTY (FSK),
> >> note the 3-conductor plug. As I read it the ring is pulled to ground
> >> (PTT)
> >> and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What
> >> current do I have to sink using a transistor to do it?
> >>
> >> I find my 3904 circuit fails to drag it to ground, still well about the
> >> approx .7v level. I have a 1k base resistor. Maybe too large.
> >>
> >> TU for your interest.
> >>
> >> de Vern
> >>
> >> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> >>>
> >>> Vern, What are you wanting to drive?
> >>>
> >>> N6UYB
> >>> Jack E. Foster
> >>> ----- Original Message -----
> >>> From: "V" <vernw9hly@>
> >>> To: <ic706@yahoogroups.com>
> >>> Sent: Friday, January 28, 2011 20:27
> >>> Subject: [ic706] IC-706MKIIG
> >>>
> >>>
> >>> > What is the current sinking requirements for the PTT line on the FSK
> >>> > 1/8"
> >>> > RTTY connector on rear of unit?
> >>> >
> >>> > Thank you,
> >>> >

> >>> > Vern W9HLY
> >>> >
> >>> >
> >>> >
> >>> > ---------- Yahoo! Groups Links
> >>> >
> >>> > Yahoo! Groups Links
> >>> >
> >>> >
> >>> >
> >>>
> >>
> >>
> >>
> >>
> >> ---------- Yahoo! Groups Links
> >>
> >>
> >>
> >>
> > >
> > >
> > >
> > > ---------- Yahoo! Groups Links
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > > ---------- Yahoo! Groups Links
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >

# 18589. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-01 18:26:51 UTC
From: V
Topic: 13926  Message: 18589

Thank you for all the tidbits. I still am curious to know what the current requirement is to drag those pins to ground. I'll just put a small resistor to ground from each pin and measure the voltage across the resistor. That should give me a ballpark value I believe.

Again, TU for the help.

Vern

--- In ic706@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> An opto-isolator is a lot cheaper than the Buxcom device, especially if one is already breadboarding an interface circuit.
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> >
> > no not confusing, but you are putting both the computer and radio at risk
> > this way. you really need a bit of isolation in the circuit they is a nice
> > but not to expensive interface out there made by buxcomm (www.buxcomm.com)
> > you plug it into the usb or rs232 on your computer then with the right cable
> > it can plug into the 15 pin port on the 706, it is what I use in the truck
> > to interface the 706 to run psk with HRD and DM780 as well as several other
> > programs.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: <vernw9hly@>
> > To: <ic706@yahoogroups.com>
> > Sent: Sunday, January 30, 2011 21:35
> > Subject: Re: [ic706] Re: IC-706MKIIG
> >
> >
> > > Jack: HF band. No TNC, just an application that manipulates the various
> > > pins on the computer RS-232 connector. I've been through so many apps that
> > > past day or so and I am not sure what one. Possible MMTTY. In the end I
> > > want to toggle the pins (or least least some) on an RS-232 device, which
> > > switches a 2N3904 with a 1K resistor on the base, open collector, in turn
> > > switching the RTTY lines on the 706.
> > >
> > > Confusing?
> > >
> > > Vern W9HLY
> > >

> > >
> > > ----- Original Message -----
> > > From: Jack <jack.mrfixit198@>
> > > To: ic706@yahoogroups.com
> > > Sent: Sun, 30 Jan 2011 16:56:33 -0600 (CST)
> > > Subject: Re: [ic706] Re: IC-706MKIIG
> > >
> > > Vern what band (VHF or HF)? and what TNC are you using?
> > >
> > >
> > >
> > > Jack
> > > ----- Original Message -----
> > > From: "V" <vernw9hly@>
> > > To: <ic706@yahoogroups.com>
> > > Sent: Sunday, January 30, 2011 16:53
> > > Subject: [ic706] Re: IC-706MKIIG
> > >
> > >
> > >>
> > >>
> > >>
> > >>
> > >>
> > >>
> > >> TU Jack!
> > >>
> > >> On page 35 of Instruction Manual, top image, Connection for RTTY (FSK),
> > >> note the 3-conductor plug. As I read it the ring is pulled to ground
> > >> (PTT)
> > >> and the tip is keyed with the FSK drive, an RS-232 line, DTR etc. What
> > >> current do I have to sink using a transistor to do it?
> > >>
> > >> I find my 3904 circuit fails to drag it to ground, still well about the
> > >> approx .7v level. I have a 1k base resistor. Maybe too large.
> > >>
> > >> TU for your interest.
> > >>
> > >> de Vern
> > >>
> > >> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> > >>>
> > >>> Vern, What are you wanting to drive?
> > >>>
> > >>> N6UYB
> > >>> Jack E. Foster
> > >>> ----- Original Message -----
> > >>> From: "V" <vernw9hly@>
> > >>> To: <ic706@yahoogroups.com>
> > >>> Sent: Friday, January 28, 2011 20:27

> > >>> Subject: [ic706] IC-706MKIIG
> > >>>
> > >>>
> > >>> > What is the current sinking requirements for the PTT line on the FSK
> > >>> > 1/8"
> > >>> > RTTY connector on rear of unit?
> > >>> >
> > >>> > Thank you,
> > >>> >
> > >>> > Vern W9HLY
> > >>> >
> > >>> >
> > >>> >
> > >>> > ------------------------------------
> > >>> >
> > >>> > Yahoo! Groups Links
> > >>> >
> > >>> >
> > >>> >
> > >>>
> > >>
> > >>
> > >>
> > >>
> > >> ------------------------------------
> > >>
> > >> Yahoo! Groups Links
> > >>
> > >>
> > >>
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
>

# 18590. RE: [ic706] Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-01 23:13:58 UTC
From: pedroafonso2@yahoo.com
Topic: 13926  Message: 18590

Yes but not all of the regular optoisolator work with the 706. The one that worked for me after trying many others was the lca110

[Non-text portions of this message have been removed]

# 18591. Re: [ic706] 706 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-02 14:53:35 UTC
From: Mike Rodgers
Topic: 18560  Message: 18591

My Internet has been dead for a week.

Does the meter indicate signals telling you it's just a audio problem?

73,Mike R

Sent from my spy ring

On Jan 25, 2011, at 9:26 AM, "n0sya" <n0sya@...> wrote:

> At turn on, a 706 has no audio. If the band scope runs for a few minutes clicking relays and so on the audio comes back. Anyone dealt with anything similar before?
>
> Thanks for any replies
>
> Chris
>
>

[Non-text portions of this message have been removed]

# 18592. programming radio data into an IC 706 hf/vhf transciever

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-04 04:30:28 UTC
From: darylynn d
Topic: 18592  Message: 18592

which progam soft ware do I need and what cable do I need to find/make
to program my 706 with a computer ? preferably my dell d610 with serial and usb ports avail
I know I can build the serial cable with materials on hand and might manage the usb cable
if i had a schematic
later I might want to control the radio totally but for now I only want to enter the memory
channel data by computer.
Thanks daryl kb5zxm

# 18593. Re: [ic706] programming radio data into an IC 706 hf/vhf transciever

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-04 06:02:04 UTC
From: Scott Brown
Topic: 18592  Message: 18593

http://www.iz2bkt.com/ic706bkt3en.html

On Feb 3, 2011, at 11:30 PM, darylynn d wrote:

> which progam soft ware do I need and what cable do I need to find/make
> to program my 706 with a computer ? preferably my dell d610 with serial and usb ports avail I know I can build the serial cable with materials on hand and might manage the usb cable if i had a schematic
> later I might want to control the radio totally but for now I only want to enter the memory channel data by computer.
> Thanks daryl kb5zxm
>
>

[Non-text portions of this message have been removed]

# 18594. Re: programming radio data into an IC 706 hf/vhf transciever

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-05 03:22:37 UTC
From: darylynn d
Topic: 18592  Message: 18594

Thanks Scott, I also found soft ware there for my friends 7000

--- In ic706@yahoogroups.com, Scott Brown <kd4ydd@...> wrote:
>
> http://www.iz2bkt.com/ic706bkt3en.html
>
>
> On Feb 3, 2011, at 11:30 PM, darylynn d wrote:
>
> > which progam soft ware do I need and what cable do I need to find/make
> > to program my 706 with a computer ? preferably my dell d610 with serial and usb ports avail I know I can build the serial cable with materials on hand and might manage the usb cable if i had a schematic
> > later I might want to control the radio totally but for now I only want to enter the memory channel data by computer.
> > Thanks daryl kb5zxm
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 18595. Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 16:06:35 UTC
From: pjfullmer
Topic: 18595  Message: 18595

New to the group and just picked up a 706MkIIG. Is it safe to use an ICOM PS-55 power supply (in use with my IC-735) with the 706?
thanks
Paul Fullmer
AC7UT

# 18596. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 18:54:47 UTC
From: Jack
Topic: 18595  Message: 18596

Paul,
It should work just fine.

N6UYB
Jack E. Foster
----- Original Message -----
From: "pjfullmer" <C7ranch@...>
To: <ic706@yahoogroups.com>
Sent: Monday, February 07, 2011 11:06
Subject: [ic706] Power Supply

> New to the group and just picked up a 706MkIIG. Is it safe to use an ICOM
> PS-55 power supply (in use with my IC-735) with the 706?
> thanks
> Paul Fullmer
> AC7UT
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18597. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 19:23:05 UTC
From: Larry J. Ford
Topic: 18595  Message: 18597

From http://www.ab4oj.com/icom/oldicom.html :

"IC-PS55 - $75 to $100. This is a linear regulated PSU (13.8V DC/20A). Originally designed for the IC-735, it will power any 12V 100W-class HF transceiver. The IC-PS55 has a pigtail fitted with the standard 6-pin Molex plug."

If 20 amps is the peak current output of the IC-PS55, running a 706 at highest power out settings in CW or RTTY modes might tax the PS a bit. I run my 706 off a Samlex SEC-1223, rated at 23 amps continuous and 25 amps ICS, or off of an Astron RS-35A.

Otherwise, you should be fine and sounds like the power plug will fit.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: pjfullmer
To: ic706@yahoogroups.com
Sent: Monday, February 07, 2011 11:06 AM
Subject: [ic706] Power Supply

New to the group and just picked up a 706MkIIG. Is it safe to use an ICOM PS-55 power supply (in use with my IC-735) with the 706?
thanks
Paul Fullmer
AC7UT

[Non-text portions of this message have been removed]

# 18598. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 19:34:41 UTC
From: Mark Brueggemann
Topic: 18595  Message: 18598

--- On Mon, 2/7/11, Larry J. Ford <lford@...> wrote:

> Otherwise, you should be fine and sounds like the power
> plug will fit.

It'll fit, but you'll have to come up with some way to turn the
supply on. Two of the six pins are used in the 735 to control
the AC side of the supply. They are absent in the 706.

Mark K5LXP
Albuquerque, NM

# 18599. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 20:08:58 UTC
From: Larry J. Ford
Topic: 18595  Message: 18599

So, the ON/OFF switch on the 735 controlled the PS-55 and the PS has no separate ON/OFF switch?

If so, guess it won't work with the 706 even though the plug may fit!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Monday, February 07, 2011 2:34 PM
Subject: Re: [ic706] Power Supply

--- On Mon, 2/7/11, Larry J. Ford <lford@...> wrote:

> Otherwise, you should be fine and sounds like the power
> plug will fit.

It'll fit, but you'll have to come up with some way to turn the
supply on. Two of the six pins are used in the 735 to control
the AC side of the supply. They are absent in the 706.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 18600. RE: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 20:17:24 UTC
From: barry whittemore
Topic: 18595  Message: 18600

my original IC706 turned it on and off just fine.
Barry
NF1O

To: ic706@yahoogroups.com
From: lford@...
Date: Mon, 7 Feb 2011 15:08:58 -0500
Subject: Re: [ic706] Power Supply

So, the ON/OFF switch on the 735 controlled the PS-55 and the PS has no separate ON/OFF switch?

If so, guess it won't work with the 706 even though the plug may fit!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Monday, February 07, 2011 2:34 PM
Subject: Re: [ic706] Power Supply

--- On Mon, 2/7/11, Larry J. Ford <lford@...> wrote:

> Otherwise, you should be fine and sounds like the power
> plug will fit.

It'll fit, but you'll have to come up with some way to turn the
supply on. Two of the six pins are used in the 735 to control
the AC side of the supply. They are absent in the 706.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18601. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 20:21:50 UTC
From: Mark Brueggemann
Topic: 18595  Message: 18601

--- On Mon, 2/7/11, Larry J. Ford <lford@...> wrote:

> So, the ON/OFF switch on the 735 controlled the PS-55 and the
> PS has no separate ON/OFF switch?

No it doesn't.

> If so, guess it won't work with the 706 even though the
> plug may fit!

I use mine with an Icom 746 and Icom 910. I just tapped into the two wires and control it via external switch. Or you could jumper it on all the time, and control it with an outlet strip or other AC control.

Mark K5LXP
Albuquerque, NM

# 18602. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 20:27:37 UTC
From: Jack
Topic: 18595  Message: 18602

I added a switch to my Icom supply, on mine it happens to be two blue wires
that go to the plug so I added a small switch in the case and added jumpers
so the switch can close or short the two wires when on and turn the PS on.
Took all of about 20 minutes to do.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Mark Brueggemann" <qrq_cw@...>
To: <ic706@yahoogroups.com>
Sent: Monday, February 07, 2011 15:21
Subject: Re: [ic706] Power Supply

>
> --- On Mon, 2/7/11, Larry J. Ford <lford@...> wrote:
>
>> So, the ON/OFF switch on the 735 controlled the PS-55 and the
>> PS has no separate ON/OFF switch?
>
> No it doesn't.
>
>
>> If so, guess it won't work with the 706 even though the
>> plug may fit!
>
> I use mine with an Icom 746 and Icom 910. I just tapped into
> the two wires and control it via external switch. Or you could
> jumper it on all the time, and control it with an outlet strip
> or other AC control.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18603. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 21:50:45 UTC
From: Bob Reiff
Topic: 18595  Message: 18603

Yes, but not at the same time while transmitting. Dual receiving is
ok. Simply limited by the current capacity of the supply.

Bob, WA8ULW

pjfullmer wrote:

>
>
> New to the group and just picked up a 706MkIIG. Is it safe to use an
> ICOM PS-55 power supply (in use with my IC-735) with the 706?
> thanks
> Paul Fullmer
> AC7UT
>
>

[Non-text portions of this message have been removed]

# 18604. Re: [ic706] Power Supply

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-07 20:57:36 UTC
From: Jay Vaello
Topic: 18595  Message: 18604

Paul,

That's what I ran my 706MKIIG for the first few months after I got it. Also used the PS-55 on my old 735 before.

Jay Vaello KF5BGV

Sr. Consultant

Telcom Associates

210-213-7635 Cell

210-408-7048 Home Office

210-247-9322 FAX

[Non-text portions of this message have been removed]

# 18605. IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-11 22:14:53 UTC
From: sally.dixon50
Topic: 18605  Message: 18605

Hi all.
I have just joined this group as I got hold of a 706 MK1 today, I swapped my old rotator unit and controller for the rig.
It came without the power lead or microphone, not too much of a problem, the power lead from my TS-440S fits and is wired correctly, so I am going to but a mic for it soon.

Ok, heres the problems, the RX signals are very low, for example, I am listening on 144.800 to the local APRS digipeater, on my other rig I get S9+30 but on the 706 it is not even registering on the meter, although I can hear it fairly clear.
Also, there is no TX output, I have connected a morse key up because I have no mic, it is going into TX mode and the red TX LED is lighting up and the rig is drawing about 1amp from my PSU but no RF output at all, on ALL bands.

I would have thought that if it was the PA stage faulty then it would not be all bands, surely the PA stage is different between HF and VHF ?

It is almost as if a relay may be faulty, or a bad connection somewhere that is causing both issues, I could do with a service manual but cannot seem to find one anywhere on the net, if anyone has got a copy would they kindly E mail it to me please ?
Sally@....uk

I have printed out the user manual, used up almost all my ink LOL it is 60 pages !!!!!!!!!!

Many thanks in advance and hope to natter with everyone on here soon.

De Sally-Ann Dixon
G7UCL

# 18606. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-11 22:36:48 UTC
From: Art galvz
Topic: 18605  Message: 18606

Hi Sally,
 On page 47 of the owners manual " Trouble Shooting " it say's" Check antena connections, HF to six meters uses "ANT1"  VHF uses "ANT2".
 Another possible is the " ATTENUATOR function is activated.
  Hope that's all to "fix" it.
73,
Art

--- On Fri, 2/11/11, sally.dixon50 <Sally@...> wrote:

From: sally.dixon50 <Sally@...>
Subject: [ic706] IC-706 MK1 Problems
To: ic706@yahoogroups.com
Date: Friday, February 11, 2011, 2:14 PM

Hi all.
I have just joined this group as I got hold of a 706 MK1 today, I swapped my old rotator unit and controller for the rig.
It came without the power lead or microphone, not too much of a problem, the power lead from my TS-440S fits and is wired correctly, so I am going to but a mic for it soon.

Ok, heres the problems, the RX signals are very low, for example, I am listening on 144.800 to the local APRS digipeater, on my other rig I get S9+30 but on the 706 it is not even registering on the meter, although I can hear it fairly clear.
Also, there is no TX output, I have connected a morse key up because I have no mic, it is going into TX mode and the red TX LED is lighting up and the rig is drawing about 1amp from my PSU but no RF output at all, on ALL bands.

I would have thought that if it was the PA stage faulty then it would not be all bands, surely the PA stage is different between HF and VHF ?

It is almost as if a relay may be faulty, or a bad connection somewhere that is causing both issues, I could do with a service manual but cannot seem to find one anywhere on the net, if anyone has got a copy would they kindly E mail it to me please ?
Sally@...

I have printed out the user manual, used up almost all my ink LOL it is 60 pages !!!!!!!!!!

Many thanks in advance and hope to natter with everyone on here soon.

De Sally-Ann Dixon
G7UCL

[Non-text portions of this message have been removed]

# 18607. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 00:22:33 UTC
From: Jack
Topic: 18605  Message: 18607

Sally,
You can get the service man. at www.mods.dk

N6UYB
Jack E. Foster
----- Original Message -----
From: "sally.dixon50" <Sally@...>
To: <ic706@yahoogroups.com>
Sent: Friday, February 11, 2011 17:14
Subject: [ic706] IC-706 MK1 Problems

> Hi all.
> I have just joined this group as I got hold of a 706 MK1 today, I swapped
> my old rotator unit and controller for the rig.
> It came without the power lead or microphone, not too much of a problem,
> the power lead from my TS-440S fits and is wired correctly, so I am going
> to but a mic for it soon.
>
> Ok, heres the problems, the RX signals are very low, for example, I am
> listening on 144.800 to the local APRS digipeater, on my other rig I get
> S9+30 but on the 706 it is not even registering on the meter, although I
> can hear it fairly clear.
> Also, there is no TX output, I have connected a morse key up because I
> have no mic, it is going into TX mode and the red TX LED is lighting up
> and the rig is drawing about 1amp from my PSU but no RF output at all, on
> ALL bands.
>
> I would have thought that if it was the PA stage faulty then it would not
> be all bands, surely the PA stage is different between HF and VHF ?
>
> It is almost as if a relay may be faulty, or a bad connection somewhere
> that is causing both issues, I could do with a service manual but cannot
> seem to find one anywhere on the net, if anyone has got a copy would they
> kindly E mail it to me please ?
> Sally@...
>
> I have printed out the user manual, used up almost all my ink LOL it is 60
> pages !!!!!!!!!!
>
> Many thanks in advance and hope to natter with everyone on here soon.
>
> De Sally-Ann Dixon
> G7UCL
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18608. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 01:38:05 UTC
From: Sally-Ann Dixon
Topic: 18605  Message: 18608

As stated, I managed to get hold of the service manual but it is beyond my scope to repair it, I am going to see if anyone can repair it for me or I will sell it, not sure how much I would get for it though.

It is in pretty good condition but no power lead or microphone came with it.

Be a shame to have to get rid of it, I was hoping to get it all working so I can use it.

[Non-text portions of this message have been removed]

# 18609. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 00:40:18 UTC
From: Sally-Ann Dixon
Topic: 18605  Message: 18609

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

# 18610. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 09:13:04 UTC
From: Barry Miller
Topic: 18605  Message: 18610

Sally-Ann,

Do you have a multimeter?

If so, check the section on PLL Adjustments (it's section 4.2 in my IC706 MKIIG handbook). Check the Reference Loop Lock Voltage, and the Main Loop Lock Voltages (there are 3 of these).

They do go out of specification over time, and if they do, you can end up with no PLL; and therefore no TX or RX - potentially on all bands, if all are out.

Good luck with it!

73,

Barry
VK3BJM

----- Original Message -----
From: Sally-Ann Dixon
To: ic706@yahoogroups.com
Sent: Saturday, February 12, 2011 11:40 AM
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18611. Re: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 09:23:11 UTC
From: Scott Brown
Topic: 18605  Message: 18611

Sorry if this has been mentioned...

No RX? Have you tried setting the RF/SQL knob at 12 o'clock to see if that helps? First thing on my mind.

Again... sorry if mentioned or covered already, and I do wish you the best of luck fixing your issue. I am sure you will get it! This is a good group of people here.

73's

-Scott
KD4YDD

On Feb 12, 2011, at 4:13 AM, Barry Miller wrote:

> Sally-Ann,
>
> Do you have a multimeter?
>
> If so, check the section on PLL Adjustments (it's section 4.2 in my IC706 MKIIG handbook). Check the Reference Loop Lock Voltage, and the Main Loop Lock Voltages (there are 3 of these).
>
> They do go out of specification over time, and if they do, you can end up with no PLL; and therefore no TX or RX - potentially on all bands, if all are out.
>
> Good luck with it!
>
> 73,
>
> Barry
> VK3BJM
>
> ----- Original Message -----
> From: Sally-Ann Dixon
> To: ic706@yahoogroups.com
> Sent: Saturday, February 12, 2011 11:40 AM
> Subject: Re: [ic706] IC-706 MK1 Problems
>
> Hi all and thanks for the E mails.
>
> I managed to get a service manual finally, downloaded it in PDF format.
>
> Without the proper test equipment it really isn't going to be too easy to
> work on, the RX is definitely down, even with another rig into a dummy load
> it is only RXing about an S7-8 although on 6m it does peak to S9+

>
> I am able to RX on HF with the pre amp on but if I turn that off the signals
> all but vanishes
>
> Also there is no TX output, it can be heard on another receiver close by but
> with a dummy load and power meter connected there is not even a flicker of
> RF coming out of it, I am convinced it is not the RF transistors failed
> because it is all bands that has no output.
>
> Guess I am going to have to find an Icom service centre locally and see how
> much to get it repaired, will make a nice back up rig or use portable.
>
> If anyone has got any ideas as to why I might be having these problems then
> please point me in the right direction please.
>
> Regards
>
> Sally
>
> G7UCL
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18612. RE: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 13:27:02 UTC
From: Sally-Ann Dixon
Topic: 18605  Message: 18612

Hi and thanks to everyone for the useful hints.

Barry, I will give that a check over later, I have a decent digital MM so will put it to good use and check all the VCO voltages.

Will let you know my findings later

Regards

Sally-Ann

G7UCL

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Barry Miller
Sent: 12 February 2011 09:13
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706 MK1 Problems

Sally-Ann,

Do you have a multimeter?

If so, check the section on PLL Adjustments (it's section 4.2 in my IC706 MKIIG handbook). Check the Reference Loop Lock Voltage, and the Main Loop Lock Voltages (there are 3 of these).

They do go out of specification over time, and if they do, you can end up with no PLL; and therefore no TX or RX - potentially on all bands, if all are out.

Good luck with it!

73,

Barry
VK3BJM

----- Original Message -----
From: Sally-Ann Dixon
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Saturday, February 12, 2011 11:40 AM
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18613. RE: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 13:34:32 UTC
From: bruce.clements@sympatico.ca
Topic: 18605  Message: 18613

Sally..

I have a 706 mk2 that was hit by lightning and I had to re-build the complete HF and Vhf stages..(It was nuts but I needed a challenge)

I have a few questions That may help me to narrow down..

On VHF is it buggered as well..the vhf has a differnt route than the hf.. BUT in the middle they share some circuits.example there is a relay that directs the various outputs in a pre-driver stage...In the tx side it could be as simple as a bad relay....
If you have some low level tx and rx the pll brd is most likely good....it is staring to look like a 12 volt rail problem..the complete PA sections on both VHF and HF use the 12 volt rail..the only device that is shared is a fet on the input to the pa....

give me a few more clues..it is starting to look like a B+ rail or common voltage issue...

bruce
ve3bv

To: ic706@yahoogroups.com
From: Sally@....uk
Date: Sat, 12 Feb 2011 00:40:18 +0000
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18614. RE: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 15:08:22 UTC
From: Sally-Ann Dixon
Topic: 18605  Message: 18614

Hi Bruce and thanks for the reply.
I am currently listening to some contest stations on 80m and although some are coming in fairly loud and clear the S meter is not showing a lot, and I have to keep the pre amp switched on, I know it is not my antenna, I have got a 110 foot dipole with 40m traps up on the roof of my 3 storey block of flats, spanned between the chimneys, running the full length of the block, and when connected to my TS-440S HF rig I get really good strong signals.

On the other bands I can hear signals, some weak and some a bit stronger (normal I guess for HF), and on 40m I can tune to the broadcast band and hear stations, some of them actually give an S7 reading on AM but once again this is with the pre amp on.
It looks like the rig has been modded because it covers RX right thru from 160 to 2m and it even covers the 4m band, I have got a 4m hand held rig here and if I key up on 70.450 and have the 706 on this frequency, with the pre amp on, and the hand held about 3 inches from the 706 it does RX the signal with pre amp on but only about an S4-5 so definitely deaf on RX.
I can also hear signals on 20m it is almost as if the higher up the bands I go the worse the RX gets, so maybe this points to something out of adjustment ?
6m is quiet at the moment here so cannot really check that, although it does RX weakly on this band because I have got my FT-736R into an external tri band vertical and if I TX on this the 736 does hear it but once again very weakly (I am using the wire dipole as an RX antenna on 6m as it shares the same antenna socket as HF on the 736)

I am convinced that the RX problem might be bad tuning, or maybe there is something common to RX and TX that is causing both problems ? as you said, possibly a common +v rail somewhere ?
I wonder if maybe the mod that has been done could have caused the problem ? although I don't know where to start looking and I really don't want to remove the mod unless it is really required, I would like to keep at least the general coverage RX on the rig.
I would love to be able to get the rig sorted and fully working without having to spend a lot of money on it, I swapped the rig for my old Kenpro antenna rotator and controller with a local ham station, he said that as far as he knew the only problem was the lack of TX.
I am also trying to sort out the wiring for a microphone as one did not come with it, I have some spare microphones here and have got some brand new RJ11 I think they are, plugs and a crimping tool, so can probably get a microphone wired to use with it for now until I can afford to get the proper one, I also need a DC power cable for the 736 as I am currently using the one off my TS-440S which is the same fitting and connection, I did check this first before plugging it in.

Well, any further thoughts would be greatly appreciated, and if anyone happens to have a spare DC power lead and ideally the right microphone, going spare, I would love to take these off your hands (I am so cheeky I know, but if you don't ask you don't get) Hi Regards
Sally-Ann Dixon
G7UCL

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of bruce.clements@...
Sent: 12 February 2011 13:35
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706 MK1 Problems

Sally..

I have a 706 mk2 that was hit by lightning and I had to re-build the complete HF and Vhf stages..(It was nuts but I needed a challenge)

I have a few questions That may help me to narrow down..

On VHF is it buggered as well..the vhf has a differnt route than the hf.. BUT in the middle they share some circuits.example there is a relay that directs the various outputs in a pre-driver stage...In the tx side it could be as simple as a bad relay....
If you have some low level tx and rx the pll brd is most likely good....it is staring to look like a 12 volt rail problem..the complete PA sections on both VHF and HF use the 12 volt rail..the only device that is shared is a fet on the input to the pa....

give me a few more clues..it is starting to look like a B+ rail or common voltage issue...

bruce
ve3bv

To: ic706@yahoogroups.com
From: Sally@...
Date: Sat, 12 Feb 2011 00:40:18 +0000
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of

RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18615. Brass racer

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 16:21:58 UTC
From: aa0rb
Topic: 18615  Message: 18615

Hello all,
I'm wanting to wire a vibroplex brass racer to the quarter inch stereo plug, any pointers on how to wire it? It has the keyer and speed built in it, so would you set the ic-706mkii menu for straight key?

# 18616. Re: Brass racer

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 18:17:01 UTC
From: Sally-Ann Dixon
Topic: 18615  Message: 18616

Hi there

I would say that if you are using anything other than a paddle then set the menu to straight key mode, I connected a key to mine to be able to throw the PTT and I had to set it to straight key in the menu for it to work.

Hope this helps

Sally

G7UCL

[Non-text portions of this message have been removed]

# 18617. Re: [ic706] Brass racer

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 21:14:16 UTC
From: Mark Brueggemann
Topic: 18615  Message: 18617

--- On Sat, 2/12/11, aa0rb <fealingood@...> wrote:

> I'm wanting to wire a vibroplex brass racer to the quarter
> inch stereo plug, any pointers on how to wire it?

Wire your keyer output to the ring terminal. Tip is unused.
Ground to Shield.

Set the 706 to "bug" mode.

Done.

Mark K5LXP
Albuquerque, NM

# 18618. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 22:18:06 UTC
From: noskosteve
Topic: 13926  Message: 18618

OOPS! I looked in the 706 manual and got:
On the original 706 (this group) Tracing the schematic for the FSKK line, I get 1.7 ma.
That's from 8 V Vcc and 4.7k.

On to the MKIIG manual. Stand by...
Same circuit.

Hard to believe a 3904 can't do that. What's on the input end of that 1 k resistor?

--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

I served during the cold war, so you can continue to be served a cold one.

--- In ic706@yahoogroups.com, "V" <vernw9hly@...> wrote:
>
> What is the current sinking requirements for the PTT line on the FSK 1/8" RTTY connector on rear of unit?
>
> Thank you,
>
> Vern W9HLY
>

# 18619. Re: IC-706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 22:24:01 UTC
From: noskosteve
Topic: 13926  Message: 18619

--- Steve wrote:
> OOPS! I looked in the 706 manual and got:
> On the original 706 (this group) Tracing the schematic for the FSKK line, I get 1.7 ma. That's from 8 V Vcc and 4.7k.
>
>
> On to the MKIIG manual. Stand by...
> Same circuit.
>
>
> Hard to believe a 3904 can't do that. What's on the input end of that 1 k resistor?

And Steve Added:

And the threshold is around 2.1 volts, so you only need to get below about 2 volts, but, of course, lower is better.

--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

I served during the cold war, so you can continue to be served a old one.

> > --- <vern w9hly> wrote:
>
> What is the current sinking requirements for the PTT line on the FSK 1/8" RTTY connector on rear of unit?
> >
> > Thank you,
> >
> > Vern W9HLY
> >
>

# 18620. RE: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 23:42:42 UTC
From: bruce.clements@sympatico.ca
Topic: 18605  Message: 18620

if the rx was modded and the Cpu was not re=set I understand the filter network won't work correctly ... it will blow all away .. as follows hold band up and down button and power up..it should come up on 14.100...

bruce

To: ic706@yahoogroups.com
From: Sally@...
Date: Sat, 12 Feb 2011 15:08:22 +0000
Subject: RE: [ic706] IC-706 MK1 Problems

Hi Bruce and thanks for the reply.
I am currently listening to some contest stations on 80m and although some are coming in fairly loud and clear the S meter is not showing a lot, and I have to keep the pre amp switched on, I know it is not my antenna, I have got a 110 foot dipole with 40m traps up on the roof of my 3 storey block of flats, spanned between the chimneys, running the full length of the block, and when connected to my TS-440S HF rig I get really good strong signals.

On the other bands I can hear signals, some weak and some a bit stronger (normal I guess for HF), and on 40m I can tune to the broadcast band and hear stations, some of them actually give an S7 reading on AM but once again this is with the pre amp on.
It looks like the rig has been modded because it covers RX right thru from 160 to 2m and it even covers the 4m band, I have got a 4m hand held rig here and if I key up on 70.450 and have the 706 on this frequency, with the pre amp on, and the hand held about 3 inches from the 706 it does RX the signal with pre amp on but only about an S4-5 so definitely deaf on RX.
I can also hear signals on 20m it is almost as if the higher up the bands I go the worse the RX gets, so maybe this points to something out of adjustment ?
6m is quiet at the moment here so cannot really check that, although it does RX weakly on this band because I have got my FT-736R into an external tri band vertical and if I TX on this the 736 does hear it but once again very weakly (I am using the wire dipole as an RX antenna on 6m as it shares the same antenna socket as HF on the 736)

I am convinced that the RX problem might be bad tuning, or maybe there is something common to RX and TX that is causing both problems ? as you said, possibly a common +v rail somewhere ?
I wonder if maybe the mod that has been done could have caused the problem ? although I don't know where to start looking and I really don't want to remove the mod unless it is really required, I would like to keep at least the general coverage RX on the rig.
I would love to be able to get the rig sorted and fully working without having to spend a lot of money on it, I swapped the rig for my old Kenpro

antenna rotator and controller with a local ham station, he said that as far as he knew the only problem was the lack of TX.
I am also trying to sort out the wiring for a microphone as one did not come with it, I have some spare microphones here and have got some brand new RJ11 I think they are, plugs and a crimping tool, so can probably get a microphone wired to use with it for now until I can afford to get the proper one, I also need a DC power cable for the 736 as I am currently using the one off my TS-440S which is the same fitting and connection, I did check this first before plugging it in.

Well, any further thoughts would be greatly appreciated, and if anyone happens to have a spare DC power lead and ideally the right microphone, going spare, I would love to take these off your hands (I am so cheeky I know, but if you don't ask you don't get) Hi Regards
Sally-Ann Dixon
G7UCL

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of bruce.clements@sympatico.ca
Sent: 12 February 2011 13:35
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706 MK1 Problems

Sally..

I have a 706 mk2 that was hit by lightning and I had to re-build the complete HF and Vhf stages..(It was nuts but I needed a challenge)

I have a few questions That may help me to narrow down..

On VHF is it buggered as well..the vhf has a differnt route than the hf.. BUT in the middle they share some circuits.example there is a relay that directs the various outputs in a pre-driver stage...In the tx side it could be as simple as a bad relay....
If you have some low level tx and rx the pll brd is most likely good....it is staring to look like a 12 volt rail problem..the complete PA sections on both VHF and HF use the 12 volt rail..the only device that is shared is a fet on the input to the pa....

give me a few more clues..it is starting to look like a B+ rail or common voltage issue...

bruce
ve3bv

To: ic706@yahoogroups.com
From: Sally@...ngehome.co.uk
Date: Sat, 12 Feb 2011 00:40:18 +0000
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18621. RE: [ic706] IC-706 MK1 Problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-12 23:57:04 UTC
From: Sally-Ann Dixon
Topic: 18605  Message: 18621

Thanks for the info, that was the first thing I tried yesterday when I got the rig and have done it several times since, still the same though

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of bruce.clements@...
Sent: 12 February 2011 23:43
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706 MK1 Problems

if the rx was modded and the Cpu was not re=set I understand the filter network won't work correctly ... it will blow all away .. as follows
hold band up and down button and power up..it should come up on 14.100...

bruce

To: ic706@yahoogroups.com
From: Sally@...
Date: Sat, 12 Feb 2011 15:08:22 +0000
Subject: RE: [ic706] IC-706 MK1 Problems

Hi Bruce and thanks for the reply.
I am currently listening to some contest stations on 80m and although some are coming in fairly loud and clear the S meter is not showing a lot, and I have to keep the pre amp switched on, I know it is not my antenna, I have got a 110 foot dipole with 40m traps up on the roof of my 3 storey block of flats, spanned between the chimneys, running the full length of the block, and when connected to my TS-440S HF rig I get really good strong signals.

On the other bands I can hear signals, some weak and some a bit stronger (normal I guess for HF), and on 40m I can tune to the broadcast band and hear stations, some of them actually give an S7 reading on AM but once again this is with the pre amp on.
It looks like the rig has been modded because it covers RX right thru from 160 to 2m and it even covers the 4m band, I have got a 4m hand held rig here and if I key up on 70.450 and have the 706 on this frequency, with the pre amp on, and the hand held about 3 inches from the 706 it does RX the signal with pre amp on but only about an S4-5 so definitely deaf on RX.
I can also hear signals on 20m it is almost as if the higher up the bands I go the worse the RX gets, so maybe this points to something out of adjustment ?
6m is quiet at the moment here so cannot really check that, although it does RX weakly on this band because I have got my FT-736R into an external tri band vertical and if I TX on this the 736 does hear it but once again very weakly (I am using the wire dipole as an RX antenna on 6m as it shares the same antenna socket as HF on the 736)

I am convinced that the RX problem might be bad tuning, or maybe there is something common to RX and TX that is causing both problems ? as you said, possibly a common +v rail somewhere ?
I wonder if maybe the mod that has been done could have caused the problem ? although I don't know where to start looking and I really don't want to remove the mod unless it is really required, I would like to keep at least the general coverage RX on the rig.
I would love to be able to get the rig sorted and fully working without having to spend a lot of money on it, I swapped the rig for my old Kenpro antenna rotator and controller with a local ham station, he said that as far as he knew the only problem was the lack of TX.
I am also trying to sort out the wiring for a microphone as one did not come with it, I have some spare microphones here and have got some brand new RJ11 I think they are, plugs and a crimping tool, so can probably get a microphone wired to use with it for now until I can afford to get the proper one, I also need a DC power cable for the 736 as I am currently using the one off my TS-440S which is the same fitting and connection, I did check this first before plugging it in.

Well, any further thoughts would be greatly appreciated, and if anyone happens to have a spare DC power lead and ideally the right microphone, going spare, I would love to take these off your hands (I am so cheeky I know, but if you don't ask you don't get) Hi Regards Sally-Ann Dixon G7UCL

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of bruce.clements@...
Sent: 12 February 2011 13:35
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706 MK1 Problems

Sally..

I have a 706 mk2 that was hit by lightning and I had to re-build the complete HF and Vhf stages..(It was nuts but I needed a challenge)

I have a few questions That may help me to narrow down..

On VHF is it buggered as well..the vhf has a differnt route than the hf.. BUT in the middle they share some circuits.example there is a relay that directs the various outputs in a pre-driver stage...In the tx side it could be as simple as a bad relay....
If you have some low level tx and rx the pll brd is most likely good....it is staring to look like a 12 volt rail problem..the complete PA sections on both VHF and HF use the 12 volt rail..the only device that is shared is a fet on the input to the pa....

give me a few more clues..it is starting to look like a B+ rail or common voltage issue...

bruce
ve3bv

To: ic706@yahoogroups.com
From: Sally@...
Date: Sat, 12 Feb 2011 00:40:18 +0000
Subject: Re: [ic706] IC-706 MK1 Problems

Hi all and thanks for the E mails.

I managed to get a service manual finally, downloaded it in PDF format.

Without the proper test equipment it really isn't going to be too easy to work on, the RX is definitely down, even with another rig into a dummy load it is only RXing about an S7-8 although on 6m it does peak to S9+

I am able to RX on HF with the pre amp on but if I turn that off the signals all but vanishes

Also there is no TX output, it can be heard on another receiver close by but with a dummy load and power meter connected there is not even a flicker of RF coming out of it, I am convinced it is not the RF transistors failed because it is all bands that has no output.

Guess I am going to have to find an Icom service centre locally and see how much to get it repaired, will make a nice back up rig or use portable.

If anyone has got any ideas as to why I might be having these problems then please point me in the right direction please.

Regards

Sally

G7UCL

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18622. IC-706MKIIG no TX on FM (2m and 70cm)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-14 02:24:43 UTC
From: johnsaffrey
Topic: 18622  Message: 18622

Hi all,

I have recently purchased an Icom IC-706MKIIG from a store in QLD Australia. The unit is second hand and was supplied with a one month warranty. I contacted the seller and they are not willing to warranty after only 7 weeks - very disappointing.

The issue is this: when TXing on FM at 144 or 438 the set pulses to the set power level then drops right off to nearly zero. Other modes appear to work ok. I have not tried FM on HF or 6m (I will do that this evening).

I have checked the following:
- Power supply
- Antenna
- Power output
- Factory reset on the CPU
- AM appears to output the correct power level

I have a copy of the service manual but have limited tools for testing.

Do you chaps have any pointers. For instance is this a known issue etc?

Cheers,
John
VK6RX

# 18623. RE: [ic706] IC-706MKIIG no TX on FM (2m and 70cm)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-14 11:04:01 UTC
From: pedro afonso
Topic: 18622  Message: 18623

Could be the fm vco. Try fm on hf

[Non-text portions of this message have been removed]

# 18624. Re: IC-706MKIIG no TX on FM (2m and 70cm)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-14 11:31:17 UTC
From: johnsaffrey
Topic: 18622  Message: 18624

Hi,

Thanks for your response. I had a look at the radio again earlier today along with a closer read of the service manual. You are correct in saying the fault is in the FM VCO. I managed to pin-point the fault to the C1022 trim-cap. It looks as if this has been replaced before. Also further testing revealed FM to be faulty across the bands.

For now a turn to each extreme and tweak back to the service manual specs (testing from CP1011 it should read 1.8v with the radio set to 29MHz, at full power into a dummy load) sees the radio back to 100% on FM again.

I endeavour to replace the trim-cap in the near future once I track one down.

Cheers,
John VK6RX

--- In ic706@yahoogroups.com, pedro afonso <pedroafonso2@...> wrote:
>
> Could be the fm vco. Try fm on hf
>
> [Non-text portions of this message have been removed]
>

# 18625. RE: [ic706] Re: IC-706MKIIG no TX on FM (2m and 70cm)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-14 17:28:42 UTC
From: pedro afonso
Topic: 18622  Message: 18625

It happen to me. Fm was out of frecuency. I just adjusted the trim capacitor and that was it. U may find the relcement at digikey.

[Non-text portions of this message have been removed]

# 18626. Front panel headphone jack & kerchunking

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-16 07:28:46 UTC
From: wb7oec
Topic: 18626  Message: 18626

When I plug an 8ohm external mobile pa speaker into the front panel headphone jack on the MKIIG the rig will begin to spontaneously key the transmitter intermitently. I do have the switch in the speaker position. It will key ~1-2 sec then release then cycle again in a few seconds.I tried a different speaker in the car same results. I can iniate it by keying the mike sometimes. Occurs when radio is on 2meters, 440 & 6 meters. If it is RFI feedback from speaker wire what combination of capacitor and rf chock would be best to relieve the problem. Any ideas? TNX de Greg WB7OEC

# 18627. Re: Front panel headphone jack & kerchunking

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-16 10:17:25 UTC
From: Mike Rodgers
Topic: 18626  Message: 18627

I have no idea if it will work but I've heard tell in days gone buy of wrapping the speaker wire around a lead pencil. Should be easy enough to try. Wrap tightly an secure somehow.

Mike R

Sent from my spy ring

# 18628. Re: [ic706] Front panel headphone jack & kerchunking

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-16 13:30:15 UTC
From: Joe Isabella
Topic: 18626  Message: 18628

I use .01 or .001 caps, and if you're having issues on vhf & up, I would go with a type 43 mix...

Joe, N3JI

---

From: wb7oec <wb7oec@...>
To: ic706@yahoogroups.com
Sent: Wed, February 16, 2011 1:28:46 AM
Subject: [ic706] Front panel headphone jack & kerchunking

When I plug an 8ohm external mobile pa speaker into the front panel headphone jack on the MKIIG the rig will begin to spontaneously key the transmitter intermitently. I do have the switch in the speaker position. It will key ~1-2 sec then release then cycle again in a few seconds.I tried a different speaker in the car same results. I can iniate it by keying the mike sometimes. Occurs when radio is on 2meters, 440 & 6 meters. If it is RFI feedback from speaker wire what combination of capacitor and rf chock would be best to relieve the problem. Any ideas? TNX de Greg WB7OEC

[Non-text portions of this message have been removed]

# 18629. Re: [ic706] Front panel headphone jack & kerchunking

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-16 14:50:43 UTC
From: Mark Brueggemann
Topic: 18626  Message: 18629

--- On Wed, 2/16/11, wb7oec <wb7oec@...> wrote:

> If it is RFI feedback from speaker wire what combination
> of capacitor and rf chock would be best to  relieve the problem.

Sounds like you have a lot of RF floating around. What's
the antenna setup? Caps and chokes would only address the
symptom.

Mark K5LXP
Albuquerque, NM

# 18630. Re: Brass racer

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-16 17:02:39 UTC
From: Mike
Topic: 18615  Message: 18630

I don't know if you've got this solved yet, but I'm using a Vibroplex Brass Racer with mine occasionally. The one I've got looks like the one here:

http://www.vibroplex.com/brass_racer_iambic.html

Although yours could be square, if it's a paddle, it's wired the same. You'd wire it according to the picture on this drawing here:

http://vibroplex.com/brass_racer_iambic_machine_drawing.htm

And plug it in as a standard paddle. If I remember right, I set the keyer menu on my rig to 'n' for normal, although you may prefer 'r' for reverse, which switches the dit and dah contacts.

The only reason I'd leave the keyer off in the rig is if you're using an external keyer, a bug, a Vibrokeyer (which is a Brass Racer with a built-in keyer), or a Blue Racer. Good luck and enjoy!

73,
Mike, WA0ZOG (ex. KA9RQW)

--- In ic706@yahoogroups.com, "aa0rb" <fealingood@...> wrote:
>
> Hello all,
> I'm wanting to wire a vibroplex brass racer to the quarter inch stereo plug, any pointers on how to wire it? It has the keyer and speed built in it, so would you set the ic-706mkii menu for straight key?
>

# 18631. SWR Meter Adjustment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-19 02:36:19 UTC
From: tj
Topic: 18631  Message: 18631

I have an IC-706MKII and I noticed a difference in its SWR indication and the measured on my Diawa CN-620B and MFJ Versa Tuner V. So I decided to recalibrate it as per the instructions on page 4-9 of the service manual. I jumper'ed a 3.5mm for the remote port terminator and made up my loads. I used a Heathkit cantenna and a Microwave Devices 150W (good to 1GHz). To get the 25 ohm load I used a 'T' connector DIRECTLY (no coax jumper) on the ANT 1 (HF) and of course one of the dummy loads directly to it for 50 ohms.

Ok, I put the terminator the remote plug, hold down P.AMP/ATT and TUNE/CALL and turn on, power and I am in the set up mode. Now select TX and then BAND UP to get to "SWR 1 LOAD". I connect 50 ohm and hit MENU. Now, according to the manual it should transmit for a while. It doesn't. It beeps twice and goes right to "SRW 2 LOAD". But, I go ahead and connect up the 25 ohm arrangement and hit MENU. No transmit, it just beeps twice again.

Now, I always indicate a 1:1 SWR not matter the load or actual SWR.

What am I do wrong?

Also, for setting ALC +20dB LEVEL it says use a 1.5Khz audio signal at 100 mV, Is that p-to-p or RMS?

Jeff
wd4nmq

# 18632. Re: [ic706] SWR Meter Adjustment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-19 21:27:27 UTC
From: Mike Rodgers
Topic: 18631  Message: 18632

Meters will almost always differ. Mine do on the mk2 and mk2g and diamond meter and palomar meter. Some of it has to do with placement in the line and how said meter measures it.

Mike R

Sent from my spy ring

On Feb 18, 2011, at 8:36 PM, tj <999alfred@...> wrote:

> I have an IC-706MKII and I noticed a difference in its SWR indication
> and the measured on my Diawa CN-620B and MFJ Versa Tuner V. So I decided
> to recalibrate it as per the instructions on page 4-9 of the service
> manual. I jumper'ed a 3.5mm for the remote port terminator and made up
> my loads. I used a Heathkit cantenna and a Microwave Devices 150W (good
> to 1GHz). To get the 25 ohm load I used a 'T' connector DIRECTLY (no
> coax jumper) on the ANT 1 (HF) and of course one of the dummy loads
> directly to it for 50 ohms.
>
> Ok, I put the terminator the remote plug, hold down P.AMP/ATT and
> TUNE/CALL and turn on, power and I am in the set up mode. Now select TX
> and then BAND UP to get to "SWR 1 LOAD". I connect 50 ohm and hit MENU.
> Now, according to the manual it should transmit for a while. It doesn't.
> It beeps twice and goes right to "SRW 2 LOAD". But, I go ahead and
> connect up the 25 ohm arrangement and hit MENU. No transmit, it just
> beeps twice again.
>
> Now, I always indicate a 1:1 SWR not matter the load or actual SWR.
>
> What am I do wrong?
>
> Also, for setting ALC +20dB LEVEL it says use a 1.5Khz audio signal at
> 100 mV, Is that p-to-p or RMS?
>
> Jeff
> wd4nmq
>
>

[Non-text portions of this message have been removed]

# 18633. Re: [ic706] SWR Meter Adjustment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-20 03:37:01 UTC
From: tj
Topic: 18631  Message: 18633

Doesn't explain why the meter set up procedure isn't working like
outlined in the service manual. And, now why it says ALL loads, even
when the SWR is actually 3:1, are 1:1.

Jeff
wd4nmq

Mike Rodgers wrote:
>
>
> Meters will almost always differ. Mine do on the mk2 and mk2g and
> diamond meter and palomar meter. Some of it has to do with placement
> in the line and how said meter measures it.
>
> Mike R
>
> Sent from my spy ring
>
> On Feb 18, 2011, at 8:36 PM, tj <999alfred@...
> <mailto:999alfred%40comcast.net>> wrote:
>
> > I have an IC-706MKII and I noticed a difference in its SWR indication
> > and the measured on my Diawa CN-620B and MFJ Versa Tuner V. So I
> decided
> > to recalibrate it as per the instructions on page 4-9 of the service
> > manual. I jumper'ed a 3.5mm for the remote port terminator and made up
> > my loads. I used a Heathkit cantenna and a Microwave Devices 150W (good
> > to 1GHz). To get the 25 ohm load I used a 'T' connector DIRECTLY (no
> > coax jumper) on the ANT 1 (HF) and of course one of the dummy loads
> > directly to it for 50 ohms.
> >
> > Ok, I put the terminator the remote plug, hold down P.AMP/ATT and
> > TUNE/CALL and turn on, power and I am in the set up mode. Now select TX
> > and then BAND UP to get to "SWR 1 LOAD". I connect 50 ohm and hit MENU.
> > Now, according to the manual it should transmit for a while. It
> doesn't.
> > It beeps twice and goes right to "SRW 2 LOAD". But, I go ahead and
> > connect up the 25 ohm arrangement and hit MENU. No transmit, it just
> > beeps twice again.
> >
> > Now, I always indicate a 1:1 SWR not matter the load or actual SWR.
> >
> > What am I do wrong?
> >
> > Also, for setting ALC +20dB LEVEL it says use a 1.5Khz audio signal at

> > 100 mV, Is that p-to-p or RMS?
> >
> > Jeff
> > wd4nmq
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

# 18634. Front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-21 11:28:57 UTC
From: yo4btb
Topic: 18634  Message: 18634

Hi to the group.On the back part of detachable front panel is a switch(S1) with 2 positions,PHONES and SPEAKER.What is meaning of this switch?
Thanks in advance for help.Best regards.YO4BTB,Virgil

# 18635. Re: [ic706] Front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-21 13:19:57 UTC
From: Deacon Dave
Topic: 18634  Message: 18635

You can select EITHER the internal speaker or an external set of headphones.
----- Original Message -----
From: yo4btb
To: ic706@yahoogroups.com
Sent: Monday, February 21, 2011 6:28 AM
Subject: [ic706] Front panel

Hi to the group.On the back part of detachable front panel is a switch(S1) with 2 positions,PHONES and SPEAKER.What is meaning of this switch?
Thanks in advance for help.Best regards.YO4BTB,Virgil

[Non-text portions of this message have been removed]

# 18636. TX Power on VHF-UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 10:34:12 UTC
From: trevorclose
Topic: 18636  Message: 18636

Hi to all
this is a first for me I came home tonight after doing some portable ATV with the broadcast of the contact with ariss space station and fired up my 706mkIIG and herd a contact on 146.50 FM simplex came back to the station as I did so the rig TX came up to 10 watts where I have it set and as I started to modulate the power dropped off to nothing and now I have now power on VHF-UHF at all.
has anyone got any ideas.

# 18637. RE: [ic706] TX Power on VHF-UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 13:54:01 UTC
From: bruce.clements@sympatico.ca
Topic: 18636  Message: 18637

If the unit is drawing current there was a cold solder issue with the vhf/uhf combiner..I had it happen to me under warranty..

bruce
ve3bv

To: ic706@yahoogroups.com
From: trevorclose@...
Date: Tue, 22 Feb 2011 10:34:12 +0000
Subject: [ic706] TX Power on VHF-UHF

Hi to all
this is a first for me I came home tonight after doing some portable ATV with the broadcast of the contact with ariss space station and fired up my 706mkIIG and herd a contact on 146.50 FM simplex came back to the station as I did so the rig TX came up to 10 watts where I have it set and as I started to modulate the power dropped off to nothing and now I have now power on VHF-UHF at all.
has anyone got any ideas.

[Non-text portions of this message have been removed]

# 18638. HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 14:22:48 UTC
From: cpd0929
Topic: 18638  Message: 18638

I have an intermittant problem with HF TX.
It affects all HF freqeuncies, but not UHF or VHF.
Does not seem to matter whether the radio has been on a while or not.
HF all of a sudden will only TX very low power.
The strange thing is to overcome this I can switch to VHF and key the radio once, then go back to HF and I get full power out on HF.
I have tried to do a full radio reset and ther is no SWR showing on my HF dipole. Radio has never been mobile
Any suggestions?

WV4W
George

# 18639. RE: [ic706] HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 15:07:52 UTC
From: bruce.clements@sympatico.ca
Topic: 18638  Message: 18639

look in the PA section.I have a 706mk2 and there is a relay that controls the switching of the common section of the PA to the split HF and VHF section ..It may be as easy as a bad $5 relay..switching between VHF and HF toggles that relay...

bruce
ve3bv

To: ic706@yahoogroups.com
From: cpd0929@...
Date: Tue, 22 Feb 2011 14:22:48 +0000
Subject: [ic706] HF intermittant TX problem On MKIIG

I have an intermittant problem with HF TX.
It affects all HF freqeuncies, but not UHF or VHF.
Does not seem to matter whether the radio has been on a while or not.
HF all of a sudden will only TX very low power.
The strange thing is to overcome this I can switch to VHF and key the radio once, then go back to HF and I get full power out on HF.
I have tried to do a full radio reset and ther is no SWR showing on my HF dipole. Radio has never been mobile
Any suggestions?

WV4W
George

[Non-text portions of this message have been removed]

# 18640. Re: [ic706] HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 15:11:05 UTC
From: Keith Estey
Topic: 18638  Message: 18640

Hello George.
I had a problem somewhat like yours only worst (and it got worst with time). My IC-706MKIIG developed a problem in that it would drop in BOTH tx & rx on ALL bands. At first i could key the mike a few times and it might come back but later you just had to wait until it came back on its own. The strange thing about mine was it only did this during the warmer months of the year. During the winter it would work fine.
Anyway, i finally sent it to a repair shop and he replaced an RF coil (i don't know which one) and It's worked great ever since (2 years).
Your problem may be caused by something else but, anyway, for what's it's worth that's what happened to mine.
Best of luck. They're a great little radio.

--

Ttul. VE1KRE.....Keith.

*100 Years*.

*H*elping *A*ll *M*ankind

If your outflow exceeds your income, then your upkeep will be your downfall. thetrumpet.com <http://thetrumpet.com/>

cpd0929 wrote:
> I have an intermittant problem with HF TX.
> It affects all HF freqeuncies, but not UHF or VHF.
> Does not seem to matter whether the radio has been on a while or not.
> HF all of a sudden will only TX very low power.
> The strange thing is to overcome this I can switch to VHF and key the radio once, then go back to HF and I get full power out on HF.
> I have tried to do a full radio reset and ther is no SWR showing on my HF dipole. Radio has never been mobile
> Any suggestions?
>
> WV4W
> George
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

>
>

[Non-text portions of this message have been removed]

# 18641. Re: Front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 18:58:59 UTC
From: yo4btb
Topic: 18634  Message: 18641

Thanks Dave for Your answer.
But now i have other problems.AF volume,RF/SQL,RIT and SHIFT have not actions.Also RIT press button have not action,led not lighting on pressing.Have any ideas of this?.Best regards.YO4BTB,Virgil

# 18642. Re: [ic706] Front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-22 21:47:47 UTC
From: Ross Primrose N4RP
Topic: 18634  Message: 18642

On 2/21/2011 8:19 AM, Deacon Dave wrote:
> You can select EITHER the internal speaker or an external set of headphones.

Wrong. You can select the external speaker levels to be setup for either
a speaker or headphones.

73, Ross N4RP

--
FCC Section 97.313(a) ?At all times, an amateur station must use the minimum transmitter power necessary to carry out the desired communications.?

# 18643. ic 706 and 706mark 2 g program ?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-23 03:04:44 UTC
From: Art
Topic: 18643  Message: 18643

Anyone know if the two verions program the same ?
I have the original version,and don't have a hard copy of the owners manual,and want to program it.
Thanks,
Art

# 18644. Re: [ic706] ic 706 and 706mark 2 g program ?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-23 04:26:24 UTC
From: Jack
Topic: 18643  Message: 18644

you can download it from WWW.MODS.DK

N6UYB
Jack E. Foster
----- Original Message -----
From: "Art" <ka7gtp@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, February 22, 2011 22:04
Subject: [ic706] ic 706 and 706mark 2 g program ?

> Anyone know if the two verions program the same ?
> I have the original version,and don't have a hard copy of the owners
> manual,and want to program it.
> Thanks,
> Art
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18645. Programmimg software

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-23 04:11:30 UTC
From: Stormbringer
Topic: 18645  Message: 18645

Are there any software programs for programming the 706 MK2G???

# 18646. Re: [ic706] Programmimg software

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-23 05:32:38 UTC
From: Jack
Topic: 18645  Message: 18646

there is a way to load the memories but it will not store tones or offset or anything other then the freq and memo location it may be in the files area of this group if not them search for the 706MIIG group and it is in that file area.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Stormbringer" <storm.bringer2@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, February 22, 2011 23:11
Subject: [ic706] Programmimg software

> Are there any software programs for programming the 706 MK2G???
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18647. Re: Programmimg software

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-28 03:25:24 UTC
From: noskosteve
Topic: 18645  Message: 18647

If you have Excel 97 or later, my Spreadsheet does this and more and you have all the power of Excel

I have a unique semi-automatic method of very easily entering Memory CTCSS frequencies. It DOES enter individual offsets as well as non standard splits for repeaters and regular HF splits.

It can not enter the Memory Name because Icom did not provide any command for that. It cannot *read* CTCSS or memory names for the same reason. Not my fault.

Look for this file in the CAT Folder:

706 MkIIG_ Excel CAT Sheet 5-12a.xls

A later version is on my web site and I have a newer one that must have other improvements that I haven't uploaded here. If you want that just ask. I'm at arrl.net or there is a contact page on my site..

--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

I served during the cold war, so you can continue to be served a cold one.

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710|Also Kenwood.fx Files|

Up to date APRS Beginner Guide - updated Aug-2010
http://K9DCI.home.comcast.net
Click the APRS Beginner INFO link under Contact

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> there is a way to load the memories but it will not store tones or offset or
> anything other then the freq and memo location it may be in the files area
> of this group if not them search for the 706MIIG group and it is in that
> file area.
>
>
> N6UYB
> Jack E. Foster

> ----- Original Message -----
> From: "Stormbringer" <storm.bringer2@...>
> To: <ic706@yahoogroups.com>
> Sent: Tuesday, February 22, 2011 23:11
> Subject: [ic706] Programmimg software
>
>
> > Are there any software programs for programming the 706 MK2G???
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18648. Re: Programmimg software correction.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-28 03:31:13 UTC
From: noskosteve
Topic: 18645  Message: 18648

OOPS. The one on my site is the one in this Files Area. I have a newer version, but it has possibly unfinished additions.
73, K9DCI

--- "noskosteve" wrote:

> If you have Excel 97 or later, my Spreadsheet does this and more and you have all the power of Excel
>
> I have a unique semi-automatic method of very easily entering Memory CTCSS frequencies.
> It DOES enter individual offsets as well as non standard splits for repeaters and regular HF splits.
>
> It can not enter the Memory Name because Icom did not provide any command for that. It cannot *read* CTCSS or memory names for the same reason. Not my fault.
>
> Look for this file in the CAT Folder:
>
> 706 MkIIG_ Excel CAT Sheet 5-12a.xls
>
> A later version is on my web site and I have a newer one that must have other improvements that I haven't uploaded here. If you want that just ask. I'm at arrl.net or there is a contact page on my site..
>
> --
> 73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)
>
> I served during the cold war, so you can continue to be served a cold one.
>
> Manage Radio Memories with an Excel Spreadsheet !
> Click to tune. Click to capture Radio freq.
> All Memories on one page. Cut, Copy, Paste, Print 'em...
> For:
> TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
> All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
> NOT D710|Also Kenwood.fx Files|
>
> Up to date APRS Beginner Guide - updated Aug-2010
> http://K9DCI.home.comcast.net
> Click the APRS Beginner INFO link under Contact
>
> More Details, Features and Downloads at:
> http://k9dci.home.comcast.net/
>
>

>
>
>
>
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@> wrote:
> >
> > there is a way to load the memories but it will not store tones or offset or
> > anything other then the freq and memo location it may be in the files area
> > of this group if not them search for the 706MIIG group and it is in that
> > file area.
> > >
> > >
> > > N6UYB
> > > Jack E. Foster
> > > ----- Original Message -----
> > > From: "Stormbringer" <storm.bringer2@>
> > > To: <ic706@yahoogroups.com>
> > > Sent: Tuesday, February 22, 2011 23:11
> > > Subject: [ic706] Programmimg software
> > > >
> > > >
> > > > > Are there any software programs for programming the 706 MK2G???
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > > Yahoo! Groups Links
> > > > >
> > > > >
> > > > >
> > > >
> > >
>

# 18649. Re: ic 706 and 706mark 2 g program ? & IC 706 {vanilla }

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-01 00:58:00 UTC
From: noskosteve
Topic: 18643  Message: 18649

Art, Well ... I'll try.

I'm not sure I understand. If you have the manual on CD, that's your best bet. Look on page 34. You can also download a Owner Manual from one of these:
http://mods.dk/
http://www.kb2ljj.com/
http://www.retrevo.com/samples/index-I.html

I don't have the radio, but I do have a copy of the manual since I help a local blind ham with his. I haven't adapted my Excel sheet for the original 706.

I don't know how much you know, so I don't know how much detail to give; plus without a radio, I may miss a step or button....

Here's an abbreviated summary from Page 34:

You can do it either from VFO mode or memory Mode. II only show doing it from VFO mode here:

When I say Push, Push but DO NOT Hold it.
When I say HOLD, Push and hold it for 1 second. I believe there is a second beep.

FIRST: Standard FM repeater offsets are called DUPLEX (DUP) and are set in the Quick-Set Menu like this
1 - I believe you must start with the radio in the ham band you want to set the offset for.
2 - Turn Radop OFF.
3 - HOLD THE LOCK BUTTON while turning the radio on.
4 - Push [MENU] or [UP/DN] to get to the menu : 17 DUP OFFSET
5 - If it is not already correct, use the main dial to set it.
6 - Turn radio off, then on again for the rest.

Now the memory:

1 - Push [DISP] until M (the "M" Menu) appears (along the bottom of the display)
2 - Push [MENU] until you get to the M2 Menu.
3 - Push V/M so that either VFO A or VFO B shows.
4 - Now program the frequency and mode you want.
5 - If you want a tone for this memory:HOLD [DISP] to get to the "G" Menus
..... Push [DISP] to get to MENU Q4 FM TONE
..... Use the main dial or UP/DN to set the Tone Frequency
......Push [DISP] to get out of "Q" MENUs
...... It should go back to Menu M2
6 - Push the [UP/DN] buttons to get to the desired Memory number. If it says [BLANK] then that one is empty.
7 - Push the HOLD the MW button (Memory Write)

Done

It you need more I suggest joining the Yahoo group that is still active:
http://groups.yahoo.com/group/ic706/

My Excel spreadsheet that is in some Yahoo groups and on my web site only does the MkIG.
I have a manual and It goes llike thins
--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)
--
I served during the cold war, so you can be served a cold one.

Up to date APRS Beginner Guide - updated Apr-2010
http://K9DCI.home.comcast.net
Click 'APRS Beginner INFO' under Contact

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em, etc...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

--- On Sun, 2/27/11, Art galvz <ka7gtp@...> wrote:

From: Art galvz <ka7gtp@...>
Subject: IC 706 {vanilla }
To: k9dci@arrl.net
Date: Sunday, February 27, 2011, 10:52 PM

In answer to my question .
I have a vanilla IC706,and was wondering how to program the memories for frqy and offsets,as well as tones .
If it programs the same as say the 706 mark 2,Ithink I can get a "cheat sheet" from the Mini Manual people. Otherwise it's re-reading the manual off the cd and the such .
If you have the information I need,it would sure be a help. Or- if there is a program that I could get to program it from the computer, that would work also.
Thanks,
Art

--- In ic706@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> Anyone know if the two verions program the same ?
> I have the original version,and don't have a hard copy of the owners manual,and want to program it.
> Thanks,
> Art
>

# 18650. Re: [ic706] Re: ic 706 and 706mark 2 g program ? & IC 706 {vanilla }

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-01 02:39:36 UTC
From: Art galvz
Topic: 18643  Message: 18650

Thanks ,Steve !
   I did download the manual for the " vanilla" modle and your instructions cleared up the Question that I had .
   Thank you so much,
73,
Art

--- On Mon, 2/28/11, noskosteve <noskosteve@...> wrote:

From: noskosteve <noskosteve@...>
Subject: [ic706] Re: ic 706 and 706mark 2 g program ? & IC 706 {vanilla }
To: ic706@yahoogroups.com
Date: Monday, February 28, 2011, 4:58 PM

Art, Well ... I'll try.

I'm not sure I understand. If you have the manual on CD, that's your best bet. Look on page 34. You can also download a Owner Manual from one of these:
http://mods.dk/
http://www.kb2ljj.com/
http://www.retrevo.com/samples/index-I.html

I don't have the radio, but I do have a copy of the manual since I help a local blind ham with his. I haven't adapted my Excel sheet for the original 706.

I don't know how much you know, so I don't know how much detail to give; plus without a radio, I may miss a step or button....

Here's an abbreviated summary from Page 34:

You can do it either from VFO mode or memory Mode. II only show doing it from VFO mode here:

When I say Push, Push but DO NOT Hold it.
When I say HOLD, Push and hold it for 1 second. I believe there is a second beep.

FIRST: Standard FM repeater offsets are called DUPLEX (DUP) and are set in the Quick-Set Menu like this
1 - I believe you must start with the radio in the ham band you want to set the offset for.
2 - Turn Radop OFF.
3 - HOLD THE LOCK BUTTON while turning the radio on.
4 - Push [MENU] or [UP/DN] to get to the menu : 17 DUP OFFSET
5 - If it is not already correct, use the main dial to set it.
6 - Turn radio off, then on again for the rest.

Now the memory:

1 - Push [DISP] until M (the "M" Menu) appears (along the bottom of the display)
2 - Push [MENU] until you get to the M2 Menu.
3 - Push V/M so that either VFO A or VFO B shows.
4 - Now program the frequency and mode you want.
5 - If you want a tone for this memory:HOLD [DISP] to get to the "G" Menus
..... Push [DISP] to get to MENU Q4 FM TONE
..... Use the main dial or UP/DN to set the Tone Frequency
.....Push [DISP] to get out of "Q" MENUs
..... It should go back to Menu M2
6 - Push the [UP/DN] buttons to get to the desired Memory number. If it says [BLANK] then that one is empty.
7 - Push the HOLD the MW button (Memory Write)

Done

It you need more I suggest joining the Yahoo group that is still active:
http://groups.yahoo.com/group/ic706/

My Excel spreadsheet that is in some Yahoo groups and on my web site only does the MkIG.
I have a manual and It goes llike thins
--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)
--
I served during the cold war, so you can be served a cold one.

Up to date APRS Beginner Guide - updated Apr-2010
http://K9DCI.home.comcast.net
Click 'APRS Beginner INFO' under Contact

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em, etc...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

--- On Sun, 2/27/11, Art galvz <ka7gtp@...> wrote:

From: Art galvz <ka7gtp@...>
Subject: IC 706 {vanilla }
To: k9dci@...
Date: Sunday, February 27, 2011, 10:52 PM

In answer to my question .
I have a vanilla IC706,and was wondering how to program the memories for frqy and offsets,as well as tones .
If it programs the same as say the 706 mark 2,Ithink I can get a "cheat sheet" from the Mini Manual people. Otherwise it's re-reading the manual off the cd and the such .
If you have the information I need,it would sure be a help. Or- if there is a program that

I could get to program it from the computer, that would work also.
Thanks,
Art

--- In ic706@yahoogroups.com, "Art" <ka7gtp@...> wrote:
>
> Anyone know if the two verions program the same ?
> I have the original version,and don't have a hard copy of the owners manual,and want to program it.
> Thanks,
> Art
>

[Non-text portions of this message have been removed]

# 18651. WTB: Icom 706MKII or Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-02-28 19:56:07 UTC
From: John Geiger
Topic: 18651  Message: 18651

I am looking for an Icom 706MKII or Icom 706 original in good operating condition. Needs to have the mic and power cord with it. Any other accessories, boxes, and manuals are nice but not needed. I can pay with paypal or MO. Let me know if you have a spare around, and price shipped to Lawton, OK.

73s John AA5JG

[Non-text portions of this message have been removed]

# 18652. 706 MkII - No DC at the Tuner Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-02 18:47:57 UTC
From: w6bts
Topic: 18652  Message: 18652

Hi All,

Can't seem to find this problem in the postings.

I installed my fully functional MKII into my Van. All went well for all tests including on the air with good reports however today I find that the unit is no longer providing DC power to the four pin tuner connection and obviously my AH4 is dead.

I pulled the radio and put it on my bench with the same result.

Any suggestions as to what this may be before I tear into this thing?

Tks & 73,

Dave
W6BTS

# 18653. RE: [ic706] 706 MkII - No DC at the Tuner Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-02 21:40:58 UTC
From: bruce.clements@sympatico.ca
Topic: 18652  Message: 18653

dave ..
I looked on the drawings and there are chokes on each line. There is a fuse also feeding that circuit ..but you would have more issues if that was open...If you down load the servise manual it is on the 2nd page of the PA drawings labled J-9..

hope this helps..

bruce
ve3bv

To: ic706@yahoogroups.com
From: w6bts@...
Date: Wed, 2 Mar 2011 18:47:57 +0000
Subject: [ic706] 706 MkII - No DC at the Tuner Connector

Hi All,

Can't seem to find this problem in the postings.

I installed my fully functional MKII into my Van. All went well for all tests including on the air with good reports however today I find that the unit is no longer providing DC power to the four pin tuner connection and obviously my AH4 is dead.

I pulled the radio and put it on my bench with the same result.

Any suggestions as to what this may be before I tear into this thing?

Tks & 73,

Dave
W6BTS

[Non-text portions of this message have been removed]

# 18654. Re: 706 MkII - No DC at the Tuner Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-05 00:56:34 UTC
From: phil_ad5x
Topic: 18652  Message: 18654

Hi Dave - There is a very tine trace on the pc board that feeds that 12V out, and that trace is easily blown. I know - I blew it in my IC-706MKIIG. And unfortunately, it is very hard to get to - but it can be done. I was able to solder a small bus wire across the blown trace to repair it. I don't remember all the details as it has been probably five years ago or so, but I just remember it wasn't easy.

Phil - AD5X

--- In ic706@yahoogroups.com, "w6bts" <w6bts@...> wrote:
>
> Hi All,
>
> Can't seem to find this problem in the postings.
>
> I installed my fully functional MKII into my Van. All went well for all tests including on the air with good reports however today I find that the unit is no longer providing DC power to the four pin tuner connection and obviously my AH4 is dead.
>
> I pulled the radio and put it on my bench with the same result.
>
> Any suggestions as to what this may be before I tear into this thing?
>
> Tks & 73,
>
> Dave
> W6BTS
>

# 18655. Re: [ic706] Re: 706 MkII - No DC at the Tuner Connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-07 04:38:47 UTC
From: Dave Santoro
Topic: 18652  Message: 18655

Hi Phil,

Well that was exactly what it was.

After exhausting all other possibilities I decided to lift the board and after close inspection I found that the $100.00 PCB trace had failed in order to protect the .25 cent 4 amp fuse.

I followed the same process as you did, I installed a solid buss wire bypassing the entire trace although I did repair the trace on the outside chance that it might be used for some future mod or application. The buss wire takes the load and should withstand just about any reasonable current demanded of it.

While in the radio I also decided to relocate the internal 4 amp glass fuse and modified it to a 4 amp mini-blade fuse. I attached the fuse block to the back of the case just below and next to the heat-sink running the two feed and supply wires through a small hole I drilled. Now all fuses may be checked and replaced without having to open the case.

With this modification I expect the radio will never fail again and the resulting convenience will never be appreciated, at least that's what I'm hoping.

Thanks to all of those who offered suggestions' and hopefully this will serve as guidance to any members that might suffer the same fault in the future.

Tks & 73,

Dave
W6BTS

---

----- Original Message -----
From: "phil_ad5x" <ad5x@...>
To: <ic706@yahoogroups.com>
Sent: Friday, March 04, 2011 4:56 PM
Subject: [ic706] Re: 706 MkII - No DC at the Tuner Connector

> Hi Dave - There is a very tine trace on the pc board that feeds that 12V out, and that trace is easily blown. I know - I blew it in my IC-706MKIIG. And unfortunately, it is very hard to get to - but it can be done. I was able to solder a small bus wire across the blown trace to repair it. I don't remember all the details as it has been probably five years ago or so, but I just remember it wasn't easy.
>
> Phil - AD5X
>
> --- In ic706@yahoogroups.com, "w6bts" <w6bts@...> wrote:
>>
>> Hi All,

>>
>> Can't seem to find this problem in the postings.
>>
>> I installed my fully functional MKII into my Van. All went well for all tests including on the air with good reports however today I find that the unit is no longer providing DC power to the four pin tuner connection and obviously my AH4 is dead.
>>
>> I pulled the radio and put it on my bench with the same result.
>>
>> Any suggestions as to what this may be before I tear into this thing?
>>
>> Tks & 73,
>>
>> Dave
>> W6BTS
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18656. memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-09 18:04:50 UTC
From: billhouston16
Topic: 18656  Message: 18656

I have a problem on a 706mk11 where it will only change between
two memory channels. I have tried a reset, but didn't help.
Turning the memory knob it goes between channel 1 and 2 only.
It doesn't matter if in memory mode or vfo mode. Any one ever seen
this, or have any ideas?

# 18657. RE: [ic706] memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-09 21:16:28 UTC
From: John Locke
Topic: 18656  Message: 18657

The other memory channels could be empty. Mine will only tune to memory channels that have been programmed. Could that be the problem?

John Locke

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of billhouston16
Sent: Wednesday, March 09, 2011 12:05 PM
To: ic706@yahoogroups.com
Subject: [ic706] memory problem

I have a problem on a 706mk11 where it will only change between two memory channels. I have tried a reset, but didn't help. Turning the memory knob it goes between channel 1 and 2 only. It doesn't matter if in memory mode or vfo mode. Any one ever seen this, or have any ideas?

[Non-text portions of this message have been removed]

# 18658. Re: memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-09 22:35:10 UTC
From: Mike Rodgers
Topic: 18656  Message: 18658

It's not p1 and p2 is it?

Mike R

Sent from my spy ring

# 18659. Re: [ic706] Re: memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-10 01:22:37 UTC
From: Bill Houston
Topic: 18656  Message: 18659

It started out as just c1 and c2, but a reset and no it is just 1 and 2. They will program and
hold the program, but even in vfo mode whee you should be able to go to any channel
it still only does the 2 channels.

---
From: Mike Rodgers <mikerodgerske5gbc@yahoo.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Wed, March 9, 2011 5:35:10 PM
Subject: [ic706] Re: memory problem

It's not p1 and p2 is it?

Mike R

Sent from my spy ring

[Non-text portions of this message have been removed]

# 18660. Re: [ic706] Re: memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-10 10:28:46 UTC
From: Mike Rodgers
Topic: 18656  Message: 18660

The reason I ask about p1,2 is those are scan edge . I think c1,2 may be call channels. The call light on? I think tuner and call are on the same switch. May be something to do with that.
If I can I'll try to duplicate your problem.

Mike R

Sent from my spy ring

On Mar 9, 2011, at 7:22 PM, Bill Houston <billhouston16@...> wrote:

> It started out as just c1 and c2, but a reset and no it is just 1 and 2. They
> will program and
> hold the program, but even in vfo mode whee you should be able to go to any
> channel
> it still only does the 2 channels.
>
> _____
> From: Mike Rodgers <mikerodgerske5gbc@...>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Sent: Wed, March 9, 2011 5:35:10 PM
> Subject: [ic706] Re: memory problem
>
> It's not p1 and p2 is it?
>
> Mike R
>
> Sent from my spy ring
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18661. Re: Better RF tune control plug-in - anyone have the schematic for this?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-14 02:26:57 UTC
From: ka7gpn
Topic: 5089  Message: 18661

I tried your circuit 2 (no cap). The 706mkiig doesn't seem to see anything there (tune button makes the same tone as with nothing hooked up). Checked the 12v supply it's there. I assume the capacitor just forms the rc network for the timing. Am I missing something?
tnx
KA7GPN

# 18662. No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-23 20:50:05 UTC
From: dajetzi
Topic: 18662  Message: 18662

Hello,
a OM offered me a defective IC 706. It seems the automatic bandswitching
when using the VFO does not work anymore.
(The owner told me he had stored the bands into the memory and had no problems at all.)

What could the reason be that Bandswitching no longer works?
Is this a known failure?

73´s
Sigi

# 18663. Re: [ic706] No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-23 21:51:12 UTC
From: Jack
Topic: 18662  Message: 18663

well for one the memory are just that in the memory locations. to the right of the big knob there are two buttons and they are the band up and down they should work any where you are in MR or VFO if you can not change the frequency as well then look at the button to the bottom left of the big knob the red light should not be lit that is the lock button.

N6UYB
Jack E. Foster
----- Original Message -----
From: "dajetzi" <da_kaeptn@...>
To: <ic706@yahoogroups.com>
Sent: Wednesday, March 23, 2011 16:50
Subject: [ic706] No Bandswitching in VFO-Mode

Hello,
a OM offered me a defective IC 706. It seems the automatic bandswitching when using the VFO does not work anymore.
(The owner told me he had stored the bands into the memory and had no problems at all.)

What could the reason be that Bandswitching no longer works?
Is this a known failure?

73?s
Sigi

---

Yahoo! Groups Links

# 18664. Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 00:20:16 UTC
From: scout_chaplain
Topic: 18664  Message: 18664

I have four Icom 706 radios, two 706MKIIg, one 706 MKII and one 706. Is there a software program that is available that I can program my radios via my computer. I have Ham Radio Deluxe but do not see a way to use HRD to program the memories on 706's. One of my friends owns a plastic tooling company, He made me 3 cases for my 706 radios that holds the radio & LDG tuner. All I have to do is put up the antenna and connect the power supply and I have a HF station ready for the Scouts to use. '73 "A Scout is Reverent"

# 18665. Re: No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-24 18:28:57 UTC
From: dajetzi
Topic: 18662  Message: 18665

Hi,
just asked the OM, he already did a masterreset but with no success.
The UP/DOWN buttons did not work.
As already said, the owner always used the rig with memory function, due this usage he did not recognise that there is a malfunction.

73´s

Sigi

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> well for one the memory are just that in the memory locations. to the right
> of the big knob there are two buttons and they are the band up and down they
> should work any where you are in MR or VFO if you can not change the
> frequency as well then look at the button to the bottom left of the big knob
> the red light should not be lit that is the lock button.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "dajetzi" <da_kaeptn@...>
> To: <ic706@yahoogroups.com>
> Sent: Wednesday, March 23, 2011 16:50
> Subject: [ic706] No Bandswitching in VFO-Mode
>
>
> Hello,
> a OM offered me a defective IC 706. It seems the automatic bandswitching
> when using the VFO does not work anymore.
> (The owner told me he had stored the bands into the memory and had no
> problems at all.)
>
> What could the reason be that Bandswitching no longer works?
> Is this a known failure?
>
> 73´s
> Sigi
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 18666. Re: [ic706] Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 06:07:02 UTC
From: Scott Brown
Topic: 18664  Message: 18666

Hey man,

Check this software out. I use it. There is a free version (which is this), and a paid for version that adds more functionality.

http://www.iz2bkt.com/ic706bkt3en.html

POINTS OF NOTE!!!!

IMPORTANT :

The Protocol CI-V to these RTX is subject to these limitations:

For all models (IC-706 - IC-706MKII - IC-706MKII/G) :
It is not possible read or write memory names.
It is not possible read or write the subtone value.
It is not possible read the setting of the DUP

Only for IC-706 and IC-706MKII :
It is not possible read or write memory names.
It is not possible read or write the subtone value.
It is not possible read the setting of the DUP
It is not possible read the S-Meter
It is not possible read the SQL
It is not possible read or write the Attenuator
It is not possible read or write the Preamplificator
It is not possible read or write the AGC
It is not possible read or write the NB
It is not possible read or write the Tone
It is not possible read or write the TSQL
It is not possible read or write the Vox
It is not possible read or write the BKin
It is not possible read or write the Compressor
It is not possible read or write the Reverse

Hope it works out man!

73's

-Scott
KD4YDD

On Mar 24, 2011, at 8:20 PM, scout_chaplain wrote:

> I have four Icom 706 radios, two 706MKIIg, one 706 MKII and one 706. Is there a software program that is available that I can program my radios via my computer. I have Ham Radio Deluxe but do not see a way to use HRD to program the memories on 706's. One of my friends owns a plastic tooling company, He made me 3 cases for my 706 radios that holds the radio &

LDG tuner. All I have to do is put up the antenna and connect the power supply and I have a HF station ready for the Scouts to use. '73 "A Scout is Reverent"
>
>

[Non-text portions of this message have been removed]

# 18667. Re: [ic706] Re: No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 12:05:38 UTC
From: Mike Rodgers
Topic: 18662  Message: 18667

Sigi, don't lose those memories. I think you can program memories using software if need. I or you can check if you have a mic with up/down buttons that may change bands in vfo mode. Change channels in memory mode.

Mike R

Sent from my spy ring

On Mar 24, 2011, at 1:28 PM, "dajetzi" <da_kaeptn@hotmail.com> wrote:

> Hi,
> just asked the OM, he already did a masterreset but with no success.
> The UP/DOWN buttons did not work.
> As already said, the owner always used the rig with memory function, due this usage he did not recognise that there is a malfunction.
>
> 73´s
>
> Sigi
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
> >
> > well for one the memory are just that in the memory locations. to the right
> > of the big knob there are two buttons and they are the band up and down they
> > should work any where you are in MR or VFO if you can not change the
> > frequency as well then look at the button to the bottom left of the big knob
> > the red light should not be lit that is the lock button.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "dajetzi" <da_kaeptn@...>
> > To: <ic706@yahoogroups.com>
> > Sent: Wednesday, March 23, 2011 16:50
> > Subject: [ic706] No Bandswitching in VFO-Mode
> >
> >
> > Hello,
> > a OM offered me a defective IC 706. It seems the automatic bandswitching
> > when using the VFO does not work anymore.
> > (The owner told me he had stored the bands into the memory and had no
> > problems at all.)
> >
> > What could the reason be that Bandswitching no longer works?
> > Is this a known failure?
> >

> > 73′s
> > Sigi
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>
>

[Non-text portions of this message have been removed]

# 18668. Re: [ic706] Re: No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 12:10:16 UTC
From: Mike Rodgers
Topic: 18662  Message: 18668

Sigi, I assume it doesn't change bands in memory mode either using the buttons on the right.

Mike R

P.S. You'll notice you can change the frequency in while in memory mode which is probably what he did.

Sent from my spy ring

On Mar 24, 2011, at 1:28 PM, "dajetzi" <da_kaeptn@...> wrote:

> Hi,
> just asked the OM, he already did a masterreset but with no success.
> The UP/DOWN buttons did not work.
> As already said, the owner always used the rig with memory function, due this usage he did not recognise that there is a malfunction.
>
> 73´s
>
> Sigi
>
> --- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
> >
> > well for one the memory are just that in the memory locations. to the right
> > of the big knob there are two buttons and they are the band up and down they
> > should work any where you are in MR or VFO if you can not change the
> > frequency as well then look at the button to the bottom left of the big knob
> > the red light should not be lit that is the lock button.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "dajetzi" <da_kaeptn@...>
> > To: <ic706@yahoogroups.com>
> > Sent: Wednesday, March 23, 2011 16:50
> > Subject: [ic706] No Bandswitching in VFO-Mode
> >
> >
> > Hello,
> > a OM offered me a defective IC 706. It seems the automatic bandswitching
> > when using the VFO does not work anymore.
> > (The owner told me he had stored the bands into the memory and had no
> > problems at all.)
> >
> > What could the reason be that Bandswitching no longer works?

> > Is this a known failure?
> >
> > 73´s
> > Sigi
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>
>

[Non-text portions of this message have been removed]

# 18669. Re: [ic706] Re: No Bandswitching in VFO-Mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 12:52:47 UTC
From: John Geiger
Topic: 18662  Message: 18669

Which model 706 is he using? In the original 706, the up/down buttons don't change the bands, only the memories. YOu have to use the TS button and the VFO dial to change bands. This was changed in the MKII

73s John AA5JG

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Friday, March 25, 2011 12:10 PM
Subject: Re: [ic706] Re: No Bandswitching in VFO-Mode

Sigi, I assume it doesn't change bands in memory mode either using the buttons on the right.

Mike R

P.S. You'll notice you can change the frequency in while in memory mode which is probably what he did.

Sent from my spy ring

On Mar 24, 2011, at 1:28 PM, "dajetzi" <da_kaeptn@...> wrote:

> Hi,
> just asked the OM, he already did a masterreset but with no success.
> The UP/DOWN buttons did not work.
> As already said, the owner always used the rig with memory function, due this usage he did not recognise that there is a malfunction.
>
> 73´s
>
> Sigi
>
> --- In ic706@...m, Jack <jack.mrfixit198@...> wrote:
> >
> > well for one the memory are just that in the memory locations. to the right
> > of the big knob there are two buttons and they are the band up and down they
> > should work any where you are in MR or VFO if you can not change the
> > frequency as well then look at the button to the bottom left of the big knob
> > the red light should not be lit that is the lock button.
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "dajetzi" <da_kaeptn@...>
> > To: <ic706@yahoogroups.com>

> > Sent: Wednesday, March 23, 2011 16:50
> > Subject: [ic706] No Bandswitching in VFO-Mode
> >
> >
> > Hello,
> > a OM offered me a defective IC 706. It seems the automatic bandswitching
> > when using the VFO does not work anymore.
> > (The owner told me he had stored the bands into the memory and had no
> > problems at all.)
> >
> > What could the reason be that Bandswitching no longer works?
> > Is this a known failure?
> >
> > 73´s
> > Sigi
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18670. Re: [ic706] Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 21:04:02 UTC
From: Mark Grybos
Topic: 18664  Message: 18670

Excuse my ignorance on this subject but can i use my signallink usb as the interface or do i need something else?

Mark N3DHE
----- Original Message -----
From: "Scott Brown" <kd4ydd@...>
To: <ic706@yahoogroups.com>
Sent: Friday, March 25, 2011 2:07 AM
Subject: Re: [ic706] Programming software for Icom 706

> Hey man,
>
> Check this software out. I use it. There is a free version (which is
> this), and a paid for version that adds more functionality.
>
> http://www.iz2bkt.com/ic706bkt3en.html
>
>
> POINTS OF NOTE!!!!
>
> IMPORTANT :
>
> The Protocol CI-V to these RTX is subject to these limitations:
>
> For all models (IC-706 - IC-706MKII - IC-706MKII/G) :
> It is not possible read or write memory names.
> It is not possible read or write the subtone value.
> It is not possible read the setting of the DUP
>
> Only for IC-706 and IC-706MKII :
> It is not possible read or write memory names.
> It is not possible read or write the subtone value.
> It is not possible read the setting of the DUP
> It is not possible read the S-Meter
> It is not possible read the SQL
> It is not possible read or write the Attenuator
> It is not possible read or write the Preamplificator
> It is not possible read or write the AGC
> It is not possible read or write the NB
> It is not possible read or write the Tone
> It is not possible read or write the TSQL
> It is not possible read or write the Vox
> It is not possible read or write the BKin
> It is not possible read or write the Compressor
> It is not possible read or write the Reverse

>
> Hope it works out man!
>
> 73's
>
> -Scott
> KD4YDD
>
>
> On Mar 24, 2011, at 8:20 PM, scout_chaplain wrote:
>
>> I have four Icom 706 radios, two 706MKIIg, one 706 MKII and one 706. Is
>> there a software program that is available that I can program my radios
>> via my computer. I have Ham Radio Deluxe but do not see a way to use HRD
>> to program the memories on 706's. One of my friends owns a plastic
>> tooling company, He made me 3 cases for my 706 radios that holds the
>> radio & LDG tuner. All I have to do is put up the antenna and connect the
>> power supply and I have a HF station ready for the Scouts to use. '73 "A
>> Scout is Reverent"
>>
>>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 18671. Re: [ic706] Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 21:21:46 UTC
From: Scott Brown
Topic: 18664  Message: 18671

Does it have the CAT control cable on it? The little 1/8" plug? I assume so.

If you do have that, then you are good to go!

-Scott
KD4YDD
On Mar 25, 2011, at 5:04 PM, Mark Grybos wrote:

> Excuse my ignorance on this subject but can i use my signallink usb as the
> interface or do i need something else?
>
> Mark N3DHE
> ----- Original Message -----
> From: "Scott Brown" <kd4ydd@...>
> To: <ic706@yahoogroups.com>
> Sent: Friday, March 25, 2011 2:07 AM
> Subject: Re: [ic706] Programming software for Icom 706
>
> > Hey man,
> >
> > Check this software out. I use it. There is a free version (which is
> > this), and a paid for version that adds more functionality.
> >
> > http://www.iz2bkt.com/ic706bkt3en.html
> >
> >
> > POINTS OF NOTE!!!!
> >
> > IMPORTANT :
> >
> > The Protocol CI-V to these RTX is subject to these limitations:
> >
> > For all models (IC-706 - IC-706MKII - IC-706MKII/G) :
> > It is not possible read or write memory names.
> > It is not possible read or write the subtone value.
> > It is not possible read the setting of the DUP
> >
> > Only for IC-706 and IC-706MKII :
> > It is not possible read or write memory names.
> > It is not possible read or write the subtone value.
> > It is not possible read the setting of the DUP
> > It is not possible read the S-Meter
> > It is not possible read the SQL
> > It is not possible read or write the Attenuator
> > It is not possible read or write the Preamplificator
> > It is not possible read or write the AGC

> > It is not possible read or write the NB
> > It is not possible read or write the Tone
> > It is not possible read or write the TSQL
> > It is not possible read or write the Vox
> > It is not possible read or write the BKin
> > It is not possible read or write the Compressor
> > It is not possible read or write the Reverse
> >
> > Hope it works out man!
> >
> > 73's
> >
> > -Scott
> > KD4YDD
> >
> >
> > On Mar 24, 2011, at 8:20 PM, scout_chaplain wrote:
> >
> >> I have four Icom 706 radios, two 706MKIIg, one 706 MKII and one 706. Is
> >> there a software program that is available that I can program my radios
> >> via my computer. I have Ham Radio Deluxe but do not see a way to use HRD
> >> to program the memories on 706's. One of my friends owns a plastic
> >> tooling company, He made me 3 cases for my 706 radios that holds the
> >> radio & LDG tuner. All I have to do is put up the antenna and connect the
> >> power supply and I have a HF station ready for the Scouts to use. '73 "A
> >> Scout is Reverent"
> >>
> >>
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 18672. Re: [ic706] Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-25 22:44:54 UTC
From: Mark Grybos
Topic: 18664  Message: 18672

Humm it plugs into my 706mk2G's Data port then goes to the Signalink USB
then USB to the computer..like i said im really clueless on this but i think
it would be pretty neat to play with
----- Original Message -----
From: "Scott Brown" <kd4ydd@...>
To: <ic706@yahoogroups.com>
Sent: Friday, March 25, 2011 5:21 PM
Subject: Re: [ic706] Programming software for Icom 706

> Does it have the CAT control cable on it? The little 1/8" plug? I assume
> so.
>
> If you do have that, then you are good to go!
>
> -Scott
> KD4YDD
> On Mar 25, 2011, at 5:04 PM, Mark Grybos wrote:
>
>> Excuse my ignorance on this subject but can i use my signallink usb as
>> the
>> interface or do i need something else?
>>
>> Mark N3DHE
>> ----- Original Message -----
>> From: "Scott Brown" <kd4ydd@...>
>> To: <ic706@yahoogroups.com>
>> Sent: Friday, March 25, 2011 2:07 AM
>> Subject: Re: [ic706] Programming software for Icom 706
>>
>> > Hey man,
>> >
>> > Check this software out. I use it. There is a free version (which is
>> > this), and a paid for version that adds more functionality.
>> >
>> > http://www.iz2bkt.com/ic706bkt3en.html
>> >
>> >
>> > POINTS OF NOTE!!!!
>> >
>> > IMPORTANT :
>> >
>> > The Protocol CI-V to these RTX is subject to these limitations:
>> >
>> > For all models (IC-706 - IC-706MKII - IC-706MKII/G) :
>> > It is not possible read or write memory names.

>> > It is not possible read or write the subtone value.
>> > It is not possible read the setting of the DUP
>> >
>> > Only for IC-706 and IC-706MKII :
>> > It is not possible read or write memory names.
>> > It is not possible read or write the subtone value.
>> > It is not possible read the setting of the DUP
>> > It is not possible read the S-Meter
>> > It is not possible read the SQL
>> > It is not possible read or write the Attenuator
>> > It is not possible read or write the Preamplificator
>> > It is not possible read or write the AGC
>> > It is not possible read or write the NB
>> > It is not possible read or write the Tone
>> > It is not possible read or write the TSQL
>> > It is not possible read or write the Vox
>> > It is not possible read or write the BKin
>> > It is not possible read or write the Compressor
>> > It is not possible read or write the Reverse
>> >
>> > Hope it works out man!
>> >
>> > 73's
>> >
>> > -Scott
>> > KD4YDD
>> >
>> >
>> > On Mar 24, 2011, at 8:20 PM, scout_chaplain wrote:
>> >
>> >> I have four Icom 706 radios, two 706MKIIg, one 706 MKII and one 706.
>> >> Is
>> >> there a software program that is available that I can program my
>> >> radios
>> >> via my computer. I have Ham Radio Deluxe but do not see a way to use
>> >> HRD
>> >> to program the memories on 706's. One of my friends owns a plastic
>> >> tooling company, He made me 3 cases for my 706 radios that holds the
>> >> radio & LDG tuner. All I have to do is put up the antenna and connect
>> >> the
>> >> power supply and I have a HF station ready for the Scouts to use. '73
>> >> "A
>> >> Scout is Reverent"
>> >>
>> >>
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >

>> >
>> >
>> > ------------------------------------
>> >
>> > Yahoo! Groups Links
>> >
>> >
>> >
>> >
>>
>>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 18673. Re: Programming software for Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-26 02:08:24 UTC
From: noskosteve
Topic: 18664  Message: 18673

--- Scott Brown wrote:
>
> Hey man,
>
> Check this software out. I use it. There is a free version (which is this), and a paid for version that adds more functionality.
>
> http://www.iz2bkt.com/ic706bkt3en.html
>
>
> POINTS OF NOTE!!!!
> ...
> It is not possible read or write the subtone value.

For what it's worth, my Excel sheet for the MkIIG has a semi-manual subTone entry algorithm that makes loading memorieas easier. I don't recall if it will work on the vinilla or MkII. Sorry.

73, Steve, K9DCI
--
Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710|Also Kenwood.fx Files|

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

Give a man a fish and you feed him for a day. TEACH a man to fish and you feed him for life.

# 18674. Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-29 19:52:38 UTC
From: m6uav
Topic: 11596  Message: 18674

Hi,

I have a 706MII and would like to add the UT-106. Can you or anybody please tell me how to do this.

Thanks a lot!

--- In ic706@yahoogroups.com, "didier" <14IR001@...> wrote:
>
> Hi Artens
> Yes i've added the UT 106 unit inside it some days ago, but be careful,
> installation isn't easy.
> 73's Didier 14IR001.
> ICQ : 135665063
> MSN : did14ir001@...
> YAHOO : didier_14ir001
> AIM : didierIR001
> http://didier14ir001.free.fr
> IR-DX GROUP = ALL DIFFERENT BUT ALL TOGETHER !
>

# 18675. WTB: Icom narrow CW filter

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-28 18:37:35 UTC
From: John Geiger
Topic: 18675  Message: 18675

I recently picked up an Icom 706 and am looking for either the FL101 or FL232 CW filter for it. I have a FL100 but would like something narrower. Anyone have an extra one for sale?

73s John AA5JG

[Non-text portions of this message have been removed]

# 18676. RE: [ic706] Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-29 21:53:46 UTC
From: Joe Ames W3JY
Topic: 11596  Message: 18676

It just plugs in. Described in the manual.

http://www.icomamerica.com/en/downloads/default.aspx?Category=19

W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of m6uav
Sent: Tuesday, March 29, 2011 3:53 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706MkII adding the UT-106 DSP Unit?

Hi,

I have a 706MII and would like to add the UT-106. Can you or anybody please tell me how to do this.

Thanks a lot!

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "didier" <14IR001@...> wrote:
>
> Hi Artens
> Yes i've added the UT 106 unit inside it some days ago, but be careful,
> installation isn't easy.
> 73's Didier 14IR001.
> ICQ : 135665063
> MSN : did14ir001@...
> YAHOO : didier_14ir001
> AIM : didierIR001
> http://didier14ir001.free.fr
> IR-DX GROUP = ALL DIFFERENT BUT ALL TOGETHER !
>

[Non-text portions of this message have been removed]

# 18677. SWR Reset

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-30 01:12:57 UTC
From: kd8dvy@ymail.com
Topic: 18677  Message: 18677

Here's two questions for the group. AS I was operating a few days ago after several months of in-operation. I noticed that my external power meter was showing that I was operating at 60w when I was at high power on the rig. I also noticed that I did not have a SWR meter on the display, yes i made sure I was on the right setting.

As I looked into what was wrong and after several long hours of internet research. I remembered that I had posted an original 1st edition 706 manual in the files section of this group (DUH). What I found is that I need to have the SWR detector reset. The manual stated that I need to use an audio generator (see 4-4) along with an RF power meter. I also assume that once you do this you would have to set the S-meter and that calls for dummy load (25ohm, 50ohm, and 100ohms I assume this is to set the lower and upper limits).

Now comes the questions for you guys; Is there a way to reset the internal SWR meter without an audio generator?

And has anyone ever done this before, is so please advice.

Please no off topic answers or long threads.

Thank you all 73's
Harold/KD8DVY

# 18678. Re: [ic706] Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-30 13:29:50 UTC
From: Mike Rodgers
Topic: 11596  Message: 18678

Personally, I'd listen to someone elses and see what you think.
You can't run it above level 2 or 3 without distortion.

Mike R

Sent from my spy ring

On Mar 29, 2011, at 2:52 PM, "m6uav" <m6uav@...> wrote:

> Hi,
>
> I have a 706MII and would like to add the UT-106. Can you or anybody please tell me how to do this.
>
> Thanks a lot!
>
> --- In ic706@yahoogroups.com, "didier" <14IR001@...> wrote:
> >
> > Hi Artens
> > Yes i've added the UT 106 unit inside it some days ago, but be careful,
> > installation isn't easy.
> > 73's Didier 14IR001.
> > ICQ : 135665063
> > MSN : did14ir001@...
> > YAHOO : didier_14ir001
> > AIM : didierIR001
> > http://didier14ir001.free.fr
> > IR-DX GROUP = ALL DIFFERENT BUT ALL TOGETHER !
> >
>
>

[Non-text portions of this message have been removed]

# 18679. Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-31 19:33:08 UTC
From: David Bartholomew
Topic: 11596  Message: 18679

Agreed, but it also adds a nice automatic notching function as well. The notch is fast acting and covers up these QRM carriers nicely, yet is narrow enough I can still hear the station the carrier is trying to block. I have a separate DSP speaker which, by itself, is not quite as good on ANF, but in combination with the DSP in the radio works very well for me.

Dave AD7DB

Re: 706MkII adding the UT-106 DSP Unit?
Posted by: "Mike Rodgers"mikerodgerske5gbc@...5gbc
Date: Wed Mar 30, 2011 6:30 am ((PDT))

Personally, I'd listen to someone elses and see what you think.
You can't run it above level 2 or 3 without distortion.

Mike R

[Non-text portions of this message have been removed]

# 18680. Re: SWR Reset

Yahoo group: ic706 (2010 — 2015)
Date: 2011-03-31 21:35:59 UTC
From: zl1tbg
Topic: 18677  Message: 18680

Anything that makes a noise into the mic will do as audio generator. Such as dial tone from a telephone or another radio receiver on ssb with a beat off a carrier.

The 25 ohm load is just 2 50 ohm ones connected to the ant port with a T connector. It provides the set point for calibration of 2:1 VSWR.

I carried out the cal on my Mk2g, however during the process the rig slipped off the bench and the cal did not work, and I was unable to redo it - possibly the 3.5mm connector is damaged. It doesn't bother me as the rig has so many faults yet still goes (like the proverbial Toyota truck on "Top Gear"). My 706 original is vastly better in this regard.

Ralph
--- In ic706@yahoogroups.com, "kd8dvy@..." <lilhawk236@...> wrote:
>
> Here's two questions for the group. AS I was operating a few days ago after several months of in-operation. I noticed that my external power meter was showing that I was operating at 60w when I was at high power on the rig. I also noticed that I did not have a SWR meter on the display, yes i made sure I was on the right setting.
>
> As I looked into what was wrong and after several long hours of internet research. I remembered that I had posted an original 1st edition 706 manual in the files section of this group (DUH). What I found is that I need to have the SWR detector reset. The manual stated that I need to use an audio generator (see 4-4) along with an RF power meter. I also assume that once you do this you would have to set the S-meter and that calls for dummy load (25ohm, 50ohm, and 100ohms I assume this is to set the lower and upper limits).
>
> Now comes the questions for you guys; Is there a way to reset the internal SWR meter without an audio generator?
>
> And has anyone ever done this before, is so please advice.
>
> Please no off topic answers or long threads.
>
> Thank you all 73's
> Harold/KD8DVY
>

# 18681. extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 12:18:34 UTC
From: m6uav
Topic: 18681  Message: 18681

Hello,

I have 706MKII and I believe it is from the US, as there is FCC sticker on its top cover.

Can somebody explain me how to enable extended transmit on this?

Many thanks!

# 18682. Re: [ic706] extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 13:55:13 UTC
From: Scott Brown - KD4YDD
Topic: 18681  Message: 18682

Hi there!

DISCLAIMER:
I assume no responsibility for damage or inaccuracies contained in this document. In other words, USE THIS AT YOUR OWN RISK. It worked for me, however I don't know if it will work for you.

WARNING #1: This mod requires the ability to remove surface mount diodes. Only those who are qualified to do this should attempt this mod.

WARNING #2: This mod seems to erase all memory channels, etc. You may want to save this info for reprogramming.

Disassembly:
Face the front of the radio towards you.
Remove the three screws in a row across the middle of the top of the radio.
Remove the two screws at the top rear (on the sides) of the radio.
Pry the top cover off from the back.
Disconnect the speaker at the connector.

Modification:

Near the top rear of the main circuit board, there is an small, oblong metal can. Directly below the right side of this can is two surface mount diodes with a white silk-screened box around them. There is also what appears to be a circuit board part number just to the left of it (mine says B4916D). Remove the LEFT diode in the box.
To the left of this, there is a test point marked CP3. Just to the left and above this test point is another box with two *vertically* mounted surface-mount diodes (Note: there is also a place for 5 more *horizontally* mounted diodes, with 3 installed). Remove the LEFT vertically oriented diode.

Reassembly:

Reconnect the speaker.
Put the top cover back on. Insert the top cover tabs into the slots and lower into position.
Replace all of the screws.

My radio did not require a reset, however I did lose all of my channel memories. It seems to be able to transmit everywhere except below .5 Mhz. I have not tested the power output at all frequencies yet.

-Scott
KD4YDD

On Apr 1, 2011, at 8:18 AM, m6uav wrote:

> Hello,
>
> I have 706MKII and I believe it is from the US, as there is FCC sticker on its top cover.
>
> Can somebody explain me how to enable extended transmit on this?
>
> Many thanks!
>
>

[Non-text portions of this message have been removed]

# 18683. RE: [ic706] extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 16:18:28 UTC
From: Jan
Topic: 18681  Message: 18683

You will find the information on this page :

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=11863

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of m6uav
Sent: Friday, April 01, 2011 2:19 PM
To: ic706@yahoogroups.com
Subject: [ic706] extended transmit

Hello,

I have 706MKII and I believe it is from the US, as there is FCC sticker on its top cover.

Can somebody explain me how to enable extended transmit on this?

Many thanks!

[Non-text portions of this message have been removed]

# 18684. Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 16:30:15 UTC
From: m6uav
Topic: 18681  Message: 18684

Million thanks Scott, it worked perfectly for my US version.
I want to use it on CB band, hope its power output will be similar to the 10 meter ham band TX. 73s KI6UAV

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> Hi there!
>
> DISCLAIMER:
> I assume no responsibility for damage or inaccuracies contained in this document. In other words, USE THIS AT YOUR OWN RISK. It worked for me, however I don't know if it will work for you.
>
> WARNING #1: This mod requires the ability to remove surface mount diodes. Only those who are qualified to do this should attempt this mod.
>
> WARNING #2: This mod seems to erase all memory channels, etc. You may want to save this info for reprogramming.
>
> Disassembly:
> Face the front of the radio towards you.
> Remove the three screws in a row across the middle of the top of the radio.
> Remove the two screws at the top rear (on the sides) of the radio.
> Pry the top cover off from the back.
> Disconnect the speaker at the connector.
>
> Modification:
>
> Near the top rear of the main circuit board, there is an small, oblong metal can. Directly below the right side of this can is two surface mount diodes with a white silk-screened box around them. There is also what appears to be a circuit board part number just to the left of it (mine says B4916D). Remove the LEFT diode in the box.
> To the left of this, there is a test point marked CP3. Just to the left and above this test point is another box with two *vertically* mounted surface-mount diodes (Note: there is also a place for 5 more *horizontally* mounted diodes, with 3 installed). Remove the LEFT vertically oriented diode.
>
> Reassembly:
>
> Reconnect the speaker.
> Put the top cover back on. Insert the top cover tabs into the slots and lower into position.
> Replace all of the screws.
>
> My radio did not require a reset, however I did lose all of my channel memories. It seems

to be able to transmit everywhere except below .5 Mhz. I have not tested the power output at all frequencies yet.
>
> -Scott
> KD4YDD
>
> On Apr 1, 2011, at 8:18 AM, m6uav wrote:
>
> > Hello,
> >
> > I have 706MKII and I believe it is from the US, as there is FCC sticker on its top cover.
> >
> > Can somebody explain me how to enable extended transmit on this?
> >
> > Many thanks!
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 18685. Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 16:43:03 UTC
From: m6uav
Topic: 11596  Message: 18685

thanks, it`s done, this DSP makes a difference :) I heard that some ppl are not really satisfied with it, well I don`t think is worse than the bhi types http://www.bhi-ltd.com/ at all, it simply does the job.
I have installed one of those bhi DSP into a Yaesu FT817 earlier but this one is much better, its got more levels/steps to set for noise reduction and the audio is also fine to me.

--- In ic706@yahoogroups.com, "Joe Ames W3JY" <w3jy@...> wrote:
>
> It just plugs in. Described in the manual.
>
>
>
> http://www.icomamerica.com/en/downloads/default.aspx?Category=19
>
>
>
> W3JY
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> m6uav
> Sent: Tuesday, March 29, 2011 3:53 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: 706MkII adding the UT-106 DSP Unit?
>
>
>
>
>
>
> Hi,
>
> I have a 706MII and would like to add the UT-106. Can you or anybody please
> tell me how to do this.
>
> Thanks a lot!
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "didier"
> <14IR001@> wrote:
> >
> > Hi Artens
> > Yes i've added the UT 106 unit inside it some days ago, but be careful,
> > installation isn't easy.
> > 73's Didier 14IR001.

> > ICQ : 135665063
> > MSN : did14ir001@
> > YAHOO : didier_14ir001
> > AIM : didierIR001
> > http://didier14ir001.free.fr
> > IR-DX GROUP = ALL DIFFERENT BUT ALL TOGETHER !
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18686. RE: [ic706] Re: 706MkII adding the UT-106 DSP Unit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 18:37:52 UTC
From: Joe Ames W3JY
Topic: 11596  Message: 18686

Roger that all around. DSP (esp audio DSP) won't work miracles, but it really helps under moderately difficult conditions. I've been thinking of a BHI for my FT-101EE, along with an X-Lock. You do get somewhat spoiled with the bells and whistles available even for late 1990s tech like the 706.

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of m6uav
Sent: Friday, April 01, 2011 12:43 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706MkII adding the UT-106 DSP Unit?

thanks, it`s done, this DSP makes a difference :) I heard that some ppl are not really satisfied with it, well I don`t think is worse than the bhi types http://www.bhi-ltd.com/ at all, it simply does the job.
I have installed one of those bhi DSP into a Yaesu FT817 earlier but this one is much better, its got more levels/steps to set for noise reduction and the audio is also fine to me.

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "Joe Ames W3JY" <w3jy@...> wrote:
>
> It just plugs in. Described in the manual.
>
>
>
> http://www.icomamerica.com/en/downloads/default.aspx?Category=19
>
>
>
> W3JY
>
>
>
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
> m6uav
> Sent: Tuesday, March 29, 2011 3:53 PM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] Re: 706MkII adding the UT-106 DSP Unit?
>
>
>
>

>
> Hi,
>
> I have a 706MII and would like to add the UT-106. Can you or anybody
please
> tell me how to do this.
>
> Thanks a lot!
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
<mailto:ic706%40yahoogroups.com> , "didier"
> <14IR001@> wrote:
> >
> > Hi Artens
> > Yes i've added the UT 106 unit inside it some days ago, but be careful,
> > installation isn't easy.
> > 73's Didier 14IR001.
> > ICQ : 135665063
> > MSN : did14ir001@
> > YAHOO : didier_14ir001
> > AIM : didierIR001
> > http://didier14ir001.free.fr
> > IR-DX GROUP = ALL DIFFERENT BUT ALL TOGETHER !
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18687. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 18:34:30 UTC
From: John Geiger
Topic: 18681  Message: 18687

You do realize that it is illegal to use on the CB channels since it isn't type accepted for the CB radio service.

73s John AA5JG

On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:

>
>
>
> Million thanks Scott, it worked perfectly for my US version.
> I want to use it on CB band, hope its power output will be similar to the
> 10 meter ham band TX. 73s KI6UAV
>
> --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
> >
> > Hi there!
> >
> > DISCLAIMER:
> > I assume no responsibility for damage or inaccuracies contained in this
> document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
> however I don't know if it will work for you.
> >
> > WARNING #1: This mod requires the ability to remove surface mount diodes.
> Only those who are qualified to do this should attempt this mod.
> >
> > WARNING #2: This mod seems to erase all memory channels, etc. You may
> want to save this info for reprogramming.
> >
> > Disassembly:
> > Face the front of the radio towards you.
> > Remove the three screws in a row across the middle of the top of the
> radio.
> > Remove the two screws at the top rear (on the sides) of the radio.
> > Pry the top cover off from the back.
> > Disconnect the speaker at the connector.
> >
> > Modification:
> >
> > Near the top rear of the main circuit board, there is an small, oblong
> metal can. Directly below the right side of this can is two surface mount
> diodes with a white silk-screened box around them. There is also what
> appears to be a circuit board part number just to the left of it (mine says
> B4916D). Remove the LEFT diode in the box.
> > To the left of this, there is a test point marked CP3. Just to the left
> and above this test point is another box with two *vertically* mounted

> surface-mount diodes (Note: there is also a place for 5 more *horizontally*
> mounted diodes, with 3 installed). Remove the LEFT vertically oriented
> diode.
> >
> > Reassembly:
> >
> > Reconnect the speaker.
> > Put the top cover back on. Insert the top cover tabs into the slots and
> lower into position.
> > Replace all of the screws.
> >
> > My radio did not require a reset, however I did lose all of my channel
> memories. It seems to be able to transmit everywhere except below .5 Mhz. I
> have not tested the power output at all frequencies yet.
> >
> > -Scott
> > KD4YDD
> >
> > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
> >
> > > Hello,
> > >
> > > I have 706MKII and I believe it is from the US, as there is FCC sticker
> on its top cover.
> > >
> > > Can somebody explain me how to enable extended transmit on this?
> > >
> > > Many thanks!
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 18688. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 20:33:42 UTC
From: Larry J. Ford
Topic: 18681  Message: 18688

Judging from his call sign, he's not in the US?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, April 01, 2011 1:34 PM
Subject: Re: [ic706] Re: extended transmit

You do realize that it is illegal to use on the CB channels since it isn't
type accepted for the CB radio service.

73s John AA5JG

On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:

>
>
>
> Million thanks Scott, it worked perfectly for my US version.
> I want to use it on CB band, hope its power output will be similar to the
> 10 meter ham band TX. 73s KI6UAV
>
> --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
> >
> > Hi there!
> >
> > DISCLAIMER:
> > I assume no responsibility for damage or inaccuracies contained in this
> document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
> however I don't know if it will work for you.
> >
> > WARNING #1: This mod requires the ability to remove surface mount diodes.
> Only those who are qualified to do this should attempt this mod.
> >
> > WARNING #2: This mod seems to erase all memory channels, etc. You may
> want to save this info for reprogramming.
> >
> > Disassembly:
> > Face the front of the radio towards you.
> > Remove the three screws in a row across the middle of the top of the
> radio.
> > Remove the two screws at the top rear (on the sides) of the radio.
> > Pry the top cover off from the back.

> > Disconnect the speaker at the connector.
> >
> > Modification:
> >
> > Near the top rear of the main circuit board, there is an small, oblong
> metal can. Directly below the right side of this can is two surface mount
> diodes with a white silk-screened box around them. There is also what
> appears to be a circuit board part number just to the left of it (mine says
> B4916D). Remove the LEFT diode in the box.
> > To the left of this, there is a test point marked CP3. Just to the left
> and above this test point is another box with two *vertically* mounted
> surface-mount diodes (Note: there is also a place for 5 more *horizontally*
> mounted diodes, with 3 installed). Remove the LEFT vertically oriented
> diode.
> >
> > Reassembly:
> >
> > Reconnect the speaker.
> > Put the top cover back on. Insert the top cover tabs into the slots and
> lower into position.
> > Replace all of the screws.
> >
> > My radio did not require a reset, however I did lose all of my channel
> memories. It seems to be able to transmit everywhere except below .5 Mhz. I
> have not tested the power output at all frequencies yet.
> >
> > -Scott
> > KD4YDD
> >
> > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
> >
> > > Hello,
> > >
> > > I have 706MKII and I believe it is from the US, as there is FCC sticker
> on its top cover.
> > >
> > > Can somebody explain me how to enable extended transmit on this?
> > >
> > > Many thanks!
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18689. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 20:06:07 UTC
From: Joe Isabella
Topic: 18681  Message: 18689

...and I realize it just the same on my unlocked 706/7000 as when I fire up my Johnson Viking II that was built when 11m was an Amateur band. ;-)

Joe, N3JI

Sent from my Verizon Android Phone

"Larry J. Ford" <lford@usa.net> wrote:

>Judging from his call sign, he's not in the US?
>
>Larry J. Ford
>KG4GPJ
>
> ----- Original Message -----
> From: John Geiger
> To: ic706@yahoogroups.com
> Sent: Friday, April 01, 2011 1:34 PM
> Subject: Re: [ic706] Re: extended transmit
>
>
>
> You do realize that it is illegal to use on the CB channels since it isn't
> type accepted for the CB radio service.
>
> 73s John AA5JG
>
> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@yahoo.com> wrote:
>
> >
> >
> >
> > Million thanks Scott, it worked perfectly for my US version.
> > I want to use it on CB band, hope its power output will be similar to the
> > 10 meter ham band TX. 73s KI6UAV
> >
> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
> > >
> > > Hi there!
> > >
> > > DISCLAIMER:
> > > I assume no responsibility for damage or inaccuracies contained in this
> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
> > however I don't know if it will work for you.
> > >
> > > WARNING #1: This mod requires the ability to remove surface mount diodes.

> > Only those who are qualified to do this should attempt this mod.
> > >
> > > WARNING #2: This mod seems to erase all memory channels, etc. You may
> > want to save this info for reprogramming.
> > >
> > > Disassembly:
> > > Face the front of the radio towards you.
> > > Remove the three screws in a row across the middle of the top of the
> > radio.
> > > Remove the two screws at the top rear (on the sides) of the radio.
> > > Pry the top cover off from the back.
> > > Disconnect the speaker at the connector.
> > >
> > > Modification:
> > >
> > > Near the top rear of the main circuit board, there is an small, oblong
> > metal can. Directly below the right side of this can is two surface mount
> > diodes with a white silk-screened box around them. There is also what
> > appears to be a circuit board part number just to the left of it (mine says
> > B4916D). Remove the LEFT diode in the box.
> > > To the left of this, there is a test point marked CP3. Just to the left
> > and above this test point is another box with two *vertically* mounted
> > surface-mount diodes (Note: there is also a place for 5 more *horizontally*
> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
> > diode.
> > >
> > > Reassembly:
> > >
> > > Reconnect the speaker.
> > > Put the top cover back on. Insert the top cover tabs into the slots and
> > lower into position.
> > > Replace all of the screws.
> > >
> > > My radio did not require a reset, however I did lose all of my channel
> > memories. It seems to be able to transmit everywhere except below .5 Mhz. I
> > have not tested the power output at all frequencies yet.
> > >
> > > -Scott
> > > KD4YDD
> > >
> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
> > >
> > > > Hello,
> > > >
> > > > I have 706MKII and I believe it is from the US, as there is FCC sticker
> > on its top cover.
> > > >
> > > > Can somebody explain me how to enable extended transmit on this?
> > > >
> > > > Many thanks!

> > > >
> > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 18690. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 20:12:50 UTC
From: Jack
Topic: 18681  Message: 18690

KI6UAV,
Do you dislike your ham lic?
use that radio on 11 meters and you may find you will lose you lic. as well as the NAL's start at $10,000.00 USD.
if you want to be on CB the spend $20.00 at the local pawn shop or go to a ham fest or look on EBAY and get a radio that is meant for that. But PLEASE do NOT take a piece of ham radio gear and modify it to use on CB just because it will do more power.... it is people that operate like this that give hams a BAD name!!!
There are many good reasons to expand the transmit on a radio but that is not one of them.

I just looked up your call... you are a Tech you have NO HF privileges and now you have yourself in the spotlight there in IRVINE calif. I understand you are from another country and have moved here. upgrade and operate as you should here or risk it all it is your choice. just remember you can be SENT back with out return postage!
I am sure the local OOs will love the phone call.

N6UYB
Jack E. Foster
----- Original Message -----
From: "John Geiger" <aa5jg@...>
To: <ic706@yahoogroups.com>
Sent: Friday, April 01, 2011 14:34
Subject: Re: [ic706] Re: extended transmit

> You do realize that it is illegal to use on the CB channels since it isn't
> type accepted for the CB radio service.
>
> 73s John AA5JG
>
> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
>
>>
>>
>>
>> Million thanks Scott, it worked perfectly for my US version.
>> I want to use it on CB band, hope its power output will be similar to the
>> 10 meter ham band TX. 73s KI6UAV
>>
>> --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>> >
>> > Hi there!
>> >
>> > DISCLAIMER:

>> > I assume no responsibility for damage or inaccuracies contained in this
>> document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
>> however I don't know if it will work for you.
>> >
>> > WARNING #1: This mod requires the ability to remove surface mount
>> > diodes.
>> Only those who are qualified to do this should attempt this mod.
>> >
>> > WARNING #2: This mod seems to erase all memory channels, etc. You may
>> want to save this info for reprogramming.
>> >
>> > Disassembly:
>> > Face the front of the radio towards you.
>> > Remove the three screws in a row across the middle of the top of the
>> radio.
>> > Remove the two screws at the top rear (on the sides) of the radio.
>> > Pry the top cover off from the back.
>> > Disconnect the speaker at the connector.
>> >
>> > Modification:
>> >
>> > Near the top rear of the main circuit board, there is an small, oblong
>> metal can. Directly below the right side of this can is two surface mount
>> diodes with a white silk-screened box around them. There is also what
>> appears to be a circuit board part number just to the left of it (mine
>> says
>> B4916D). Remove the LEFT diode in the box.
>> > To the left of this, there is a test point marked CP3. Just to the left
>> and above this test point is another box with two *vertically* mounted
>> surface-mount diodes (Note: there is also a place for 5 more
>> *horizontally*
>> mounted diodes, with 3 installed). Remove the LEFT vertically oriented
>> diode.
>> >
>> > Reassembly:
>> >
>> > Reconnect the speaker.
>> > Put the top cover back on. Insert the top cover tabs into the slots and
>> lower into position.
>> > Replace all of the screws.
>> >
>> > My radio did not require a reset, however I did lose all of my channel
>> memories. It seems to be able to transmit everywhere except below .5 Mhz.
>> I
>> have not tested the power output at all frequencies yet.
>> >
>> > -Scott
>> > KD4YDD
>> >
>> > On Apr 1, 2011, at 8:18 AM, m6uav wrote:

>> >
>> > > Hello,
>> > >
>> > > I have 706MKII and I believe it is from the US, as there is FCC
>> > > sticker
>> on its top cover.
>> > >
>> > > Can somebody explain me how to enable extended transmit on this?
>> > >
>> > > Many thanks!
>> > >
>> > >
>> >
>> >
>> >
>> > [Non-text portions of this message have been removed]
>> >
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18691. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 20:15:28 UTC
From: Jack
Topic: 18681  Message: 18691

Larry he is KI6UAV / M6UAV / HA6QZ.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Joe Isabella" <n3ji@...>
To: "Larry J. Ford" <lford@...>; <ic706@yahoogroups.com>
Sent: Friday, April 01, 2011 16:06
Subject: Re: [ic706] Re: extended transmit

> ...and I realize it just the same on my unlocked 706/7000 as when I fire
> up my Johnson Viking II that was built when 11m was an Amateur band. ;-)
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> "Larry J. Ford" <lford@...> wrote:
>
>>Judging from his call sign, he's not in the US?
>>
>>Larry J. Ford
>>KG4GPJ
>>
>> ----- Original Message -----
>> From: John Geiger
>> To: ic706@yahoogroups.com
>> Sent: Friday, April 01, 2011 1:34 PM
>> Subject: Re: [ic706] Re: extended transmit
>>
>>
>>
>> You do realize that it is illegal to use on the CB channels since it
>> isn't
>> type accepted for the CB radio service.
>>
>> 73s John AA5JG
>>
>> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
>>
>> >
>> >
>> >
>> > Million thanks Scott, it worked perfectly for my US version.
>> > I want to use it on CB band, hope its power output will be similar to

>> the
>> > 10 meter ham band TX. 73s KI6UAV
>> >
>> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>> > >
>> > > Hi there!
>> > >
>> > > DISCLAIMER:
>> > > I assume no responsibility for damage or inaccuracies contained in
>> this
>> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
>> > however I don't know if it will work for you.
>> > >
>> > > WARNING #1: This mod requires the ability to remove surface mount
>> diodes.
>> > Only those who are qualified to do this should attempt this mod.
>> > >
>> > > WARNING #2: This mod seems to erase all memory channels, etc. You
>> may
>> > want to save this info for reprogramming.
>> > >
>> > > Disassembly:
>> > > Face the front of the radio towards you.
>> > > Remove the three screws in a row across the middle of the top of the
>> > radio.
>> > > Remove the two screws at the top rear (on the sides) of the radio.
>> > > Pry the top cover off from the back.
>> > > Disconnect the speaker at the connector.
>> > >
>> > > Modification:
>> > >
>> > > Near the top rear of the main circuit board, there is an small,
>> oblong
>> > metal can. Directly below the right side of this can is two surface
>> mount
>> > diodes with a white silk-screened box around them. There is also what
>> > appears to be a circuit board part number just to the left of it (mine
>> says
>> > B4916D). Remove the LEFT diode in the box.
>> > > To the left of this, there is a test point marked CP3. Just to the
>> left
>> > and above this test point is another box with two *vertically* mounted
>> > surface-mount diodes (Note: there is also a place for 5 more
>> *horizontally*
>> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
>> > diode.
>> > >
>> > > Reassembly:
>> > >
>> > > Reconnect the speaker.

>> > > Put the top cover back on. Insert the top cover tabs into the slots
>> and
>> > lower into position.
>> > > Replace all of the screws.
>> > >
>> > > My radio did not require a reset, however I did lose all of my
>> channel
>> > memories. It seems to be able to transmit everywhere except below .5
>> Mhz. I
>> > have not tested the power output at all frequencies yet.
>> > >
>> > > -Scott
>> > > KD4YDD
>> > >
>> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
>> > >
>> > > > Hello,
>> > > >
>> > > > I have 706MKII and I believe it is from the US, as there is FCC
>> sticker
>> > on its top cover.
>> > > >
>> > > > Can somebody explain me how to enable extended transmit on this?
>> > > >
>> > > > Many thanks!
>> > > >
>> > > >
>> > >
>> > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >
>> >
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>>[Non-text portions of this message have been removed]
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

# 18692. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 21:24:14 UTC
From: Larry J. Ford
Topic: 18681  Message: 18692

Thanks. I was looking at the e-mail address m6uav@.... Did not
realize he was US-based and has a US call sign (at least for now! ;-).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Friday, April 01, 2011 3:15 PM
Subject: Re: [ic706] Re: extended transmit

Larry he is KI6UAV / M6UAV / HA6QZ.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Joe Isabella" <n3ji@...>
To: "Larry J. Ford" <lford@...>; <ic706@yahoogroups.com>
Sent: Friday, April 01, 2011 16:06
Subject: Re: [ic706] Re: extended transmit

> ...and I realize it just the same on my unlocked 706/7000 as when I fire
> up my Johnson Viking II that was built when 11m was an Amateur band. ;-)
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> "Larry J. Ford" <lford@...> wrote:
>
>>Judging from his call sign, he's not in the US?
>>
>>Larry J. Ford
>>KG4GPJ
>>
>> ----- Original Message -----
>> From: John Geiger
>> To: ic706@yahoogroups.com
>> Sent: Friday, April 01, 2011 1:34 PM
>> Subject: Re: [ic706] Re: extended transmit
>>
>>
>>
>> You do realize that it is illegal to use on the CB channels since it
>> isn't

>> type accepted for the CB radio service.
>>
>> 73s John AA5JG
>>
>> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
>>
>> >
>> >
>> >
>> > Million thanks Scott, it worked perfectly for my US version.
>> > I want to use it on CB band, hope its power output will be similar to
>> the
>> > 10 meter ham band TX. 73s KI6UAV
>> >
>> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>> > >
>> > > Hi there!
>> > >
>> > > DISCLAIMER:
>> > > I assume no responsibility for damage or inaccuracies contained in
>> this
>> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
>> > however I don't know if it will work for you.
>> > >
>> > > WARNING #1: This mod requires the ability to remove surface mount
>> diodes.
>> > Only those who are qualified to do this should attempt this mod.
>> > >
>> > > WARNING #2: This mod seems to erase all memory channels, etc. You
>> may
>> > want to save this info for reprogramming.
>> > >
>> > > Disassembly:
>> > > Face the front of the radio towards you.
>> > > Remove the three screws in a row across the middle of the top of the
>> > radio.
>> > > Remove the two screws at the top rear (on the sides) of the radio.
>> > > Pry the top cover off from the back.
>> > > Disconnect the speaker at the connector.
>> > >
>> > > Modification:
>> > >
>> > > Near the top rear of the main circuit board, there is an small,
>> oblong
>> > metal can. Directly below the right side of this can is two surface
>> mount
>> > diodes with a white silk-screened box around them. There is also what
>> > appears to be a circuit board part number just to the left of it (mine
>> says
>> > B4916D). Remove the LEFT diode in the box.

>> > > To the left of this, there is a test point marked CP3. Just to the
>> left
>> > and above this test point is another box with two *vertically* mounted
>> > surface-mount diodes (Note: there is also a place for 5 more
>> *horizontally*
>> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
>> > diode.
>> > >
>> > > Reassembly:
>> > >
>> > > Reconnect the speaker.
>> > > Put the top cover back on. Insert the top cover tabs into the slots
>> and
>> > lower into position.
>> > > Replace all of the screws.
>> > >
>> > > My radio did not require a reset, however I did lose all of my
>> channel
>> > memories. It seems to be able to transmit everywhere except below .5
>> Mhz. I
>> > have not tested the power output at all frequencies yet.
>> > >
>> > > -Scott
>> > > KD4YDD
>> > >
>> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
>> > >
>> > > > Hello,
>> > > >
>> > > > I have 706MKII and I believe it is from the US, as there is FCC
>> sticker
>> > on its top cover.
>> > > >
>> > > > Can somebody explain me how to enable extended transmit on this?
>> > > >
>> > > > Many thanks!
>> > > >
>> > > >
>> > >
>> > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >
>> >
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>

>>
>>
>>
>>[Non-text portions of this message have been removed]
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18693. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 20:45:04 UTC
From: Andy Cox
Topic: 18681  Message: 18693

He's NOT a Brit, he's UK based? but a Eastern European as far as i can tell?

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Fri, 1 April, 2011 22:24:14
Subject: Re: [ic706] Re: extended transmit

Thanks. I was looking at the e-mail address m6uav@.... Did not
realize he was US-based and has a US call sign (at least for now! ;-).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Friday, April 01, 2011 3:15 PM
Subject: Re: [ic706] Re: extended transmit

Larry he is KI6UAV / M6UAV / HA6QZ.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Joe Isabella" <n3ji@...>
To: "Larry J. Ford" <lford@...>; <ic706@yahoogroups.com>
Sent: Friday, April 01, 2011 16:06
Subject: Re: [ic706] Re: extended transmit

> ...and I realize it just the same on my unlocked 706/7000 as when I fire
> up my Johnson Viking II that was built when 11m was an Amateur band. ;-)
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> "Larry J. Ford" <lford@...> wrote:
>
>>Judging from his call sign, he's not in the US?
>>
>>Larry J. Ford
>>KG4GPJ
>>
>> ----- Original Message -----
>> From: John Geiger
>> To: ic706@yahoogroups.com

>> Sent: Friday, April 01, 2011 1:34 PM
>> Subject: Re: [ic706] Re: extended transmit
>>
>>
>>
>> You do realize that it is illegal to use on the CB channels since it
>> isn't
>> type accepted for the CB radio service.
>>
>> 73s John AA5JG
>>
>> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
>>
>> >
>> >
>> >
>> > Million thanks Scott, it worked perfectly for my US version.
>> > I want to use it on CB band, hope its power output will be similar to
>> the
>> > 10 meter ham band TX. 73s KI6UAV
>> >
>> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>> > >
>> > > Hi there!
>> > >
>> > > DISCLAIMER:
>> > > I assume no responsibility for damage or inaccuracies contained in
>> this
>> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
>> > however I don't know if it will work for you.
>> > >
>> > > WARNING #1: This mod requires the ability to remove surface mount
>> diodes.
>> > Only those who are qualified to do this should attempt this mod.
>> > >
>> > > WARNING #2: This mod seems to erase all memory channels, etc. You
>> may
>> > want to save this info for reprogramming.
>> > >
>> > > Disassembly:
>> > > Face the front of the radio towards you.
>> > > Remove the three screws in a row across the middle of the top of the
>> > radio.
>> > > Remove the two screws at the top rear (on the sides) of the radio.
>> > > Pry the top cover off from the back.
>> > > Disconnect the speaker at the connector.
>> > >
>> > > Modification:
>> > >
>> > > Near the top rear of the main circuit board, there is an small,

>> oblong
>> > metal can. Directly below the right side of this can is two surface
>> mount
>> > diodes with a white silk-screened box around them. There is also what
>> > appears to be a circuit board part number just to the left of it (mine
>> says
>> > B4916D). Remove the LEFT diode in the box.
>> > > To the left of this, there is a test point marked CP3. Just to the
>> left
>> > and above this test point is another box with two *vertically* mounted
>> > surface-mount diodes (Note: there is also a place for 5 more
>> *horizontally*
>> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
>> > diode.
>> > >
>> > > Reassembly:
>> > >
>> > > Reconnect the speaker.
>> > > Put the top cover back on. Insert the top cover tabs into the slots
>> and
>> > lower into position.
>> > > Replace all of the screws.
>> > >
>> > > My radio did not require a reset, however I did lose all of my
>> channel
>> > memories. It seems to be able to transmit everywhere except below .5
>> Mhz. I
>> > have not tested the power output at all frequencies yet.
>> > >
>> > > -Scott
>> > > KD4YDD
>> > >
>> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
>> > >
>> > > > Hello,
>> > > >
>> > > > I have 706MKII and I believe it is from the US, as there is FCC
>> sticker
>> > on its top cover.
>> > > >
>> > > > Can somebody explain me how to enable extended transmit on this?
>> > > >
>> > > > Many thanks!
>> > > >
>> > > >
>> > >
>> > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >

>> >
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>>[Non-text portions of this message have been removed]
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18694. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-01 21:16:09 UTC
From: Jeff Moore
Topic: 18681  Message: 18694

He's hungarian - Zsolt Tari HA6QZ, travels a lot, operates out of UK primarily.

----- Original Message -----
From: Andy Cox
To: ic706@yahoogroups.com
Sent: Friday, April 01, 2011 1:45 PM
Subject: Re: [ic706] Re: extended transmit

He's NOT a Brit, he's UK based? but a Eastern European as far as i can tell?

_____
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Fri, 1 April, 2011 22:24:14
Subject: Re: [ic706] Re: extended transmit

Thanks. I was looking at the e-mail address m6uav@.... Did not
realize he was US-based and has a US call sign (at least for now! ;-).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Friday, April 01, 2011 3:15 PM
Subject: Re: [ic706] Re: extended transmit

Larry he is KI6UAV / M6UAV / HA6QZ.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Joe Isabella" <n3ji@...>
To: "Larry J. Ford" <lford@...>; <ic706@yahoogroups.com>
Sent: Friday, April 01, 2011 16:06
Subject: Re: [ic706] Re: extended transmit

> ...and I realize it just the same on my unlocked 706/7000 as when I fire
> up my Johnson Viking II that was built when 11m was an Amateur band. ;-)
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> "Larry J. Ford" <lford@...> wrote:
>

>>Judging from his call sign, he's not in the US?
>>
>>Larry J. Ford
>>KG4GPJ
>>
>> ----- Original Message -----
>> From: John Geiger
>> To: ic706@yahoogroups.com
>> Sent: Friday, April 01, 2011 1:34 PM
>> Subject: Re: [ic706] Re: extended transmit
>>
>>
>>
>> You do realize that it is illegal to use on the CB channels since it
>> isn't
>> type accepted for the CB radio service.
>>
>> 73s John AA5JG
>>
>> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
>>
>> >
>> >
>> >
>> > Million thanks Scott, it worked perfectly for my US version.
>> > I want to use it on CB band, hope its power output will be similar to
>> the
>> > 10 meter ham band TX. 73s KI6UAV
>> >
>> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>> > >
>> > > Hi there!
>> > >
>> > > DISCLAIMER:
>> > > I assume no responsibility for damage or inaccuracies contained in
>> this
>> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
>> > however I don't know if it will work for you.
>> > >
>> > > WARNING #1: This mod requires the ability to remove surface mount
>> diodes.
>> > Only those who are qualified to do this should attempt this mod.
>> > >
>> > > WARNING #2: This mod seems to erase all memory channels, etc. You
>> may
>> > want to save this info for reprogramming.
>> > >
>> > > Disassembly:
>> > > Face the front of the radio towards you.
>> > > Remove the three screws in a row across the middle of the top of the

>> > radio.
>> > > Remove the two screws at the top rear (on the sides) of the radio.
>> > > Pry the top cover off from the back.
>> > > Disconnect the speaker at the connector.
>> > >
>> > > Modification:
>> > >
>> > > Near the top rear of the main circuit board, there is an small,
>> oblong
>> > metal can. Directly below the right side of this can is two surface
>> mount
>> > diodes with a white silk-screened box around them. There is also what
>> > appears to be a circuit board part number just to the left of it (mine
>> says
>> > B4916D). Remove the LEFT diode in the box.
>> > > To the left of this, there is a test point marked CP3. Just to the
>> left
>> > and above this test point is another box with two *vertically* mounted
>> > surface-mount diodes (Note: there is also a place for 5 more
>> *horizontally*
>> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
>> > diode.
>> > >
>> > > Reassembly:
>> > >
>> > > Reconnect the speaker.
>> > > Put the top cover back on. Insert the top cover tabs into the slots
>> and
>> > lower into position.
>> > > Replace all of the screws.
>> > >
>> > > My radio did not require a reset, however I did lose all of my
>> channel
>> > memories. It seems to be able to transmit everywhere except below .5
>> Mhz. I
>> > have not tested the power output at all frequencies yet.
>> > >
>> > > -Scott
>> > > KD4YDD
>> > >
>> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
>> > >
>> > > > Hello,
>> > > >
>> > > > I have 706MKII and I believe it is from the US, as there is FCC
>> sticker
>> > on its top cover.
>> > > >
>> > > > Can somebody explain me how to enable extended transmit on this?
>> > > >

>> > > > Many thanks!
>> > > >
>> > > >
>> > >
>> > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >
>> >
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>>[Non-text portions of this message have been removed]
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18695. Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 11:04:23 UTC
From: aceblaggard
Topic: 18681  Message: 18695

The subject of widebanding the 706 will always be contentious and no doubt will crop up again in the near future but for now can we put this thread to bed, thanks.

Paul
G7PUV
List Owner.

# 18696. Icom 706 mk2g problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 11:12:02 UTC
From: Andrew Gordon
Topic: 18696  Message: 18696

Hello all,

I have an Icom 706mk2g
The radio was widebanded by previous owner.
I obtained it in a deal a month ago and it worked fine on all bands.
I switched it on last week and found that whilst it works 100% on 160,80,40,30,20,15,12,10 metres and also on 2&70 the radio now no longer has any 6m coverage.
6m no longer appears on the display and when you cycle through bands 6m/50mhz does not appear for example going down through band selection it goes straight from 144mhz to 28/29mhz.

The radio also no longer has any receive outside of the ham bands.

TX and RX within the ham bands is 100% with the obvious exception of 6m which appears to just not be there anymore.

A full reset did not resolve the problem. Any suggestions?

Regards Andy M0KDB

# 18697. Re: [ic706] Icom 706 mk2g problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 12:34:16 UTC
From: Tony D.
Topic: 18696  Message: 18697

Andrew,
I'm not sure if you have tried this or not.
Be sure you have your rig in VFO .... NOT memory.
Instead of pushing the band selector,  put rig on FM mode and turn the tuning knob to see if it will tune into 6 meter band that way.

KF4WUI - Tony
73 Have a GREAT DAY !
God Bless America

---
From: Andrew Gordon <andy@...>
To: ic706@yahoogroups.com
Sent: Sat, April 2, 2011 7:12:02 AM
Subject: [ic706] Icom 706 mk2g problems

Hello all,

I have an Icom 706mk2g
The radio was widebanded by previous owner.
I obtained it in a deal a month ago and it worked fine on all bands.
I switched it on last week and found that whilst it works 100% on 160,80,40,30,20,15,12,10 metres and also on 2&70 the radio now no longer has any 6m coverage.
6m no longer appears on the display and when you cycle through bands 6m/50mhz does not appear for example going down through band selection it goes straight from 144mhz to 28/29mhz.

The radio also no longer has any receive outside of the ham bands.

TX and RX within the ham bands is 100% with the obvious exception of 6m which appears to just not be there anymore.

A full reset did not resolve the problem. Any suggestions?

Regards Andy M0KDB

[Non-text portions of this message have been removed]

# 18698. Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 15:19:45 UTC
From: kozey746
Topic: 18681  Message: 18698

YEP, There They go Again, Attacking and Trying to Police the WORLD !
Rod.
VE5RMK
--- In ic706@yahoogroups.com, "Jeff Moore" <tnetcenter@...> wrote:
>
> He's hungarian - Zsolt Tari HA6QZ, travels a lot, operates out of UK primarily.
>
> ----- Original Message -----
> From: Andy Cox
> To: ic706@yahoogroups.com
> Sent: Friday, April 01, 2011 1:45 PM
> Subject: Re: [ic706] Re: extended transmit
>
>
>
> He's NOT a Brit, he's UK based? but a Eastern European as far as i can tell?
>
> _____
> From: Larry J. Ford <lford@...>
> To: ic706@yahoogroups.com
> Sent: Fri, 1 April, 2011 22:24:14
> Subject: Re: [ic706] Re: extended transmit
>
>
> Thanks. I was looking at the e-mail address m6uav@... Did not
> realize he was US-based and has a US call sign (at least for now! ;-).
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Jack
> To: ic706@yahoogroups.com
> Sent: Friday, April 01, 2011 3:15 PM
> Subject: Re: [ic706] Re: extended transmit
>
> Larry he is KI6UAV / M6UAV / HA6QZ.
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Joe Isabella" <n3ji@...>
> To: "Larry J. Ford" <lford@...>; <ic706@yahoogroups.com>
> Sent: Friday, April 01, 2011 16:06
> Subject: Re: [ic706] Re: extended transmit

>
> > ...and I realize it just the same on my unlocked 706/7000 as when I fire
> > up my Johnson Viking II that was built when 11m was an Amateur band. ;-)
> >
> > Joe, N3JI
> >
> > Sent from my Verizon Android Phone
> >
> > "Larry J. Ford" <lford@...> wrote:
> >
> >>Judging from his call sign, he's not in the US?
> >>
> >>Larry J. Ford
> >>KG4GPJ
> >>
> >> ----- Original Message -----
> >> From: John Geiger
> >> To: ic706@yahoogroups.com
> >> Sent: Friday, April 01, 2011 1:34 PM
> >> Subject: Re: [ic706] Re: extended transmit
> >>
> >>
> >>
> >> You do realize that it is illegal to use on the CB channels since it
> >> isn't
> >> type accepted for the CB radio service.
> >>
> >> 73s John AA5JG
> >>
> >> On Fri, Apr 1, 2011 at 11:30 AM, m6uav <m6uav@...> wrote:
> >>
> >> >
> >> >
> >> >
> >> > Million thanks Scott, it worked perfectly for my US version.
> >> > I want to use it on CB band, hope its power output will be similar to
> >> the
> >> > 10 meter ham band TX. 73s KI6UAV
> >> >
> >> > --- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@> wrote:
> >> > >
> >> > > Hi there!
> >> > >
> >> > > DISCLAIMER:
> >> > > I assume no responsibility for damage or inaccuracies contained in
> >> this
> >> > document. In other words, USE THIS AT YOUR OWN RISK. It worked for me,
> >> > however I don't know if it will work for you.
> >> > >
> >> > > WARNING #1: This mod requires the ability to remove surface mount

> >> diodes.
> >> > Only those who are qualified to do this should attempt this mod.
> >> > >
> >> > > WARNING #2: This mod seems to erase all memory channels, etc. You
> >> may
> >> > want to save this info for reprogramming.
> >> > >
> >> > > Disassembly:
> >> > > Face the front of the radio towards you.
> >> > > Remove the three screws in a row across the middle of the top of the
> >> > radio.
> >> > > Remove the two screws at the top rear (on the sides) of the radio.
> >> > > Pry the top cover off from the back.
> >> > > Disconnect the speaker at the connector.
> >> > >
> >> > > Modification:
> >> > >
> >> > > Near the top rear of the main circuit board, there is an small,
> >> oblong
> >> > metal can. Directly below the right side of this can is two surface
> >> mount
> >> > diodes with a white silk-screened box around them. There is also what
> >> > appears to be a circuit board part number just to the left of it (mine
> >> says
> >> > B4916D). Remove the LEFT diode in the box.
> >> > > To the left of this, there is a test point marked CP3. Just to the
> >> left
> >> > and above this test point is another box with two *vertically* mounted
> >> > surface-mount diodes (Note: there is also a place for 5 more
> >> *horizontally*
> >> > mounted diodes, with 3 installed). Remove the LEFT vertically oriented
> >> > diode.
> >> > >
> >> > > Reassembly:
> >> > >
> >> > > Reconnect the speaker.
> >> > > Put the top cover back on. Insert the top cover tabs into the slots
> >> and
> >> > lower into position.
> >> > > Replace all of the screws.
> >> > >
> >> > > My radio did not require a reset, however I did lose all of my
> >> channel
> >> > memories. It seems to be able to transmit everywhere except below .5
> >> Mhz. I
> >> > have not tested the power output at all frequencies yet.
> >> > >
> >> > > -Scott
> >> > > KD4YDD
> >> > >

> >> > > On Apr 1, 2011, at 8:18 AM, m6uav wrote:
> >> > >
> >> > > > Hello,
> >> > > >
> >> > > > I have 706MKII and I believe it is from the US, as there is FCC
> >> sticker
> >> > on its top cover.
> >> > > >
> >> > > > Can somebody explain me how to enable extended transmit on this?
> >> > > >
> >> > > > Many thanks!
> >> > > >
> >> > > >
> >> > >
> >> > >
> >> > >
> >> > > [Non-text portions of this message have been removed]
> >> > >
> >> >
> >> >
> >> >
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >>
> >>
> >>[Non-text portions of this message have been removed]
> >>
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18699. Re: Icom 706 mk2g problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 15:12:28 UTC
From: Andrew Gordon
Topic: 18696  Message: 18699

Hi Tony and thank you for your reply,

The radio is in VFO mode and i have tried putting it in FM mode and seeing if it will tune to 6m that way but unfortunately it does not.

Kind regards Andy M0KDB
>

# 18700. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 16:49:10 UTC
From: JOHN MACKEY
Topic: 18681  Message: 18700

Actually, the IC-706 is already wideband from the factory. There is no simple way to narrowband the radio, as it is set for +/-5 KC FM deviation from the factory and +/- 2.5 KC deviation is not not easily an option for the receiver.

------ Original Message ------
Received: Sat, 02 Apr 2011 04:05:00 AM PDT
From: "aceblaggard" <yahoolists@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: extended transmit

> The subject of widebanding the 706 will always be contentious and no doubt

# 18701. Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 20:09:03 UTC
From: aceblaggard
Topic: 18681  Message: 18701

OK, I'll repeat for the hard of thinking John, please let this thread drop, thanks.

Paul
G7PUV
List Owner

--- In ic706@yahoogroups.com, "JOHN MACKEY" <jmackey@...> wrote:

# 18702. Re: [ic706] Re: extended transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-02 20:18:43 UTC
From: Mark Grybos
Topic: 18681  Message: 18702

TY Paul N3DHE
----- Original Message -----
From: aceblaggard
To: ic706@yahoogroups.com
Sent: Saturday, April 02, 2011 4:09 PM
Subject: [ic706] Re: extended transmit

OK, I'll repeat for the hard of thinking John, please let this thread drop, thanks.

Paul
G7PUV
List Owner

--- In ic706@yahoogroups.com, "JOHN MACKEY" <jmackey@...> wrote:

[Non-text portions of this message have been removed]

# 18703. Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 00:25:44 UTC
From: K4GM- George
Topic: 18703  Message: 18703

Does anyone know where I might find online a manual for the MKII...not the MKIIG. I have a service manual for the MKIIG but the main board has a different layout from the one in my MKII so I need the MKII service manual which seems to be rarer than a hen's tooth. Any suggestion appreciated.
Thanks,
George K4GM

# 18704. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 00:34:45 UTC
From: Teton Amateur Radio Repeater Association
Topic: 18703  Message: 18704

Hello George,

Did you look at mods.dk? They show one listed:
http://mods.dk/manual.php?brand=icom

Mick - W7CAT

----- Original Message -----
From: K4GM- George
To: ic706@yahoogroups.com
Sent: Saturday, April 02, 2011 06:25:44 PM
Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Does anyone know where I might find online a manual for the MKII...not
> the MKIIG. I have a service manual for the MKIIG but the main board
> has a different layout from the one in my MKII so I need the MKII
> service manual which seems to be rarer than a hen's tooth. Any
> suggestion appreciated.
> Thanks,
> George K4GM

[Non-text portions of this message have been removed]

# 18705. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 00:40:20 UTC
From: Jack
Topic: 18703  Message: 18705

Mick,

no they don't they have the 706 and the 706MKIIG but nothing for the
706MKII. once again your information is not complete.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Teton Amateur Radio Repeater Association" <tarra@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, April 02, 2011 20:34
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Hello George,
>
> Did you look at mods.dk? They show one listed:
> http://mods.dk/manual.php?brand=icom
>
> Mick - W7CAT
>
> ----- Original Message -----
> From: K4GM- George
> To: ic706@yahoogroups.com
> Sent: Saturday, April 02, 2011 06:25:44 PM
> Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
> > Does anyone know where I might find online a manual for the MKII...not
> > the MKIIG. I have a service manual for the MKIIG but the main board
> > has a different layout from the one in my MKII so I need the MKII
> > service manual which seems to be rarer than a hen's tooth. Any
> > suggestion appreciated.
> > Thanks,
> > George K4GM
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

>

# 18706. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 00:50:59 UTC
From: Ralph Mowery
Topic: 18703  Message: 18706

Look here:

http://www.radioamateur.eu/ICOM.html

----- Original Message ----
From: K4GM- George <k4gm@...>
To: ic706@yahoogroups.com
Sent: Sat, April 2, 2011 7:25:44 PM
Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG

Does anyone know where I might find online  a manual for the MKII...not
the MKIIG.  I have a service manual for the MKIIG but the main board
has a different layout from the one in my MKII so I need the MKII
service manual which seems to be rarer than a hen's tooth.  Any
suggestion appreciated.
Thanks,
George K4GM

# 18707. RE: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 01:12:06 UTC
From: Jan
Topic: 18703  Message: 18707

George,

Try his one:

http://www.rigpix.com/icom/ic706mkii_manual.pdf

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of K4GM- George
Sent: Sunday, April 03, 2011 2:26 AM
To: ic706@yahoogroups.com
Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG

Does anyone know where I might find online a manual for the MKII...not the MKIIG. I have a service manual for the MKIIG but the main board has a different layout from the one in my MKII so I need the MKII service manual which seems to be rarer than a hen's tooth. Any suggestion appreciated.
Thanks,
George K4GM

[Non-text portions of this message have been removed]

# 18708. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 01:17:00 UTC
From: Teton Amateur Radio Repeater Association
Topic: 18703  Message: 18708

Jack (ass),

I'm just going by what they list on their site:

ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
IC-706MKG ARRL Test-result report.pdf

I think you are the one is not complete and making it sound like I
always give the wrong information. YOU have no idea!!!

Mick

----- Original Message -----
From: Jack
To:
Sent: Saturday, April 02, 2011 06:40:20 PM
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Mick,
>
> no they don't they have the 706 and the 706MKIIG but nothing for the
> 706MKII. once again your information is not complete.
>
>
> N6UYB
> Jack E. Foster
> ----- Original Message -----
> From: "Teton Amateur Radio Repeater Association"
> To:
> Sent: Saturday, April 02, 2011 20:34
> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
>
> > Hello George,
> >
> > Did you look at mods.dk? They show one listed:
> > http://mods.dk/manual.php?brand=icom
> >
> > Mick - W7CAT
> >
> > ----- Original Message -----
> > From: K4GM- George
> > To: ic706@yahoogroups.com

> > Sent: Saturday, April 02, 2011 06:25:44 PM
> > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
> >
> > > Does anyone know where I might find online a manual for the
MKII...not
> > > the MKIIG. I have a service manual for the MKIIG but the main board
> > > has a different layout from the one in my MKII so I need the MKII
> > > service manual which seems to be rarer than a hen's tooth. Any
> > > suggestion appreciated.
> > > Thanks,
> > > George K4GM

[Non-text portions of this message have been removed]

# 18709. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 01:40:48 UTC
From: Jack
Topic: 18703  Message: 18709

Actually I do have a good idea.
I am a Moderator or member in most of the radio related groups and I have seen your posts you like to post, the problem is you do not read the post or your information is done with out thinking about it first.

this person asked for one thing and was VERY specific in what he wanted. You reply was well here is the same info as to what you already have and know is not right!

go back and look at the subject line then look at the list you just posted as you tried to say I did not know what I was talking about, now you see where your mistake is? he does not want the "G" series or the first one that is the original 706 he needs the 706MKII the second radio in the series the one that there is almost no documentation on to be found.

see I can answer you and not find a need to lower myself to the level of calling names or cussing, put your dollar in the jug on the way out!

N6UYB
Jack E. Foster

----- Original Message -----
From: "Teton Amateur Radio Repeater Association" <tarra@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, April 02, 2011 21:17
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Jack (ass),
>
> I'm just going by what they list on their site:
>
> ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
> ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
> ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
> ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
> IC-706MKG ARRL Test-result report.pdf
>
> I think you are the one is not complete and making it sound like I
> always give the wrong information. YOU have no idea!!!
>
> Mick
>
> ----- Original Message -----
> From: Jack
> To:
> Sent: Saturday, April 02, 2011 06:40:20 PM

> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
> > Mick,
> >
> > no they don't they have the 706 and the 706MKIIG but nothing for the
> > 706MKII. once again your information is not complete.
> >
> >
> > N6UYB
> > Jack E. Foster
> > ----- Original Message -----
> > From: "Teton Amateur Radio Repeater Association"
> > To:
> > Sent: Saturday, April 02, 2011 20:34
> > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
> >
> >
> > > Hello George,
> > >
> > > Did you look at mods.dk? They show one listed:
> > > http://mods.dk/manual.php?brand=icom
> > >
> > > Mick - W7CAT
> > >
> > > ----- Original Message -----
> > > From: K4GM- George
> > > To: ic706@yahoogroups.com
> > > Sent: Saturday, April 02, 2011 06:25:44 PM
> > > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
> > >
> > > > Does anyone know where I might find online a manual for the
> MKII...not
> > > > the MKIIG. I have a service manual for the MKIIG but the main board
> > > > has a different layout from the one in my MKII so I need the MKII
> > > > service manual which seems to be rarer than a hen's tooth. Any
> > > > suggestion appreciated.
> > > > Thanks,
> > > > George K4GM
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

# 18710. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 01:48:50 UTC
From: Teton Amateur Radio Repeater Association
Topic: 18703  Message: 18710

Like I said, I am going by what they are listing and trying to help. And you still have no idea. You say "I have seen your posts you like to post" you and I know better than that, I rarely post because of idiots like you. I'm not on here to fight with you or anyone else. So let it go, I am.

Mick

----- Original Message -----
From: Jack
To:
Sent: Saturday, April 02, 2011 07:40:48 PM
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Actually I do have a good idea.
> I am a Moderator or member in most of the radio related groups and I have
> seen your posts you like to post, the problem is you do not read the post or
> your information is done with out thinking about it first.
>
> this person asked for one thing and was VERY specific in what he wanted. You
> reply was well here is the same info as to what you already have and know is
> not right!
>
> go back and look at the subject line then look at the list you just posted
> as you tried to say I did not know what I was talking about, now you see
> where your mistake is? he does not want the "G" series or the first one that
> is the original 706 he needs the 706MKII the second radio in the series the
> one that there is almost no documentation on to be found.
>
> see I can answer you and not find a need to lower myself to the level of
> calling names or cussing, put your dollar in the jug on the way out!
>
> N6UYB
> Jack E. Foster
>
>
> ----- Original Message -----
> From: "Teton Amateur Radio Repeater Association"
> To:

> Sent: Saturday, April 02, 2011 21:17
> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
>
> > Jack (ass),
> >
> > I'm just going by what they list on their site:
> >
> > ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
> > ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
> > ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
> > ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
> > IC-706MKG ARRL Test-result report.pdf
> >
> > I think you are the one is not complete and making it sound like I
> > always give the wrong information. YOU have no idea!!!
> >
> > Mick
> >
> > ----- Original Message -----
> > From: Jack
> > To:
> > Sent: Saturday, April 02, 2011 06:40:20 PM
> > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
> >
> > > Mick,
> > >
> > > no they don't they have the 706 and the 706MKIIG but nothing for the
> > > 706MKII. once again your information is not complete.
> > >
> > >
> > > N6UYB
> > > Jack E. Foster
> > > ----- Original Message -----
> > > From: "Teton Amateur Radio Repeater Association"
> > > To:
> > > Sent: Saturday, April 02, 2011 20:34
> > > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
> > >
> > >
> > > > Hello George,
> > > >
> > > > Did you look at mods.dk? They show one listed:
> > > > http://mods.dk/manual.php?brand=icom
> > > >
> > > > Mick - W7CAT
> > > >
> > > > ----- Original Message -----
> > > > From: K4GM- George
> > > > To: ic706@yahoogroups.com

> > > > Sent: Saturday, April 02, 2011 06:25:44 PM
> > > > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
> > > >
> > > > > Does anyone know where I might find online a manual for the
> > MKII...not
> > > > > the MKIIG. I have a service manual for the MKIIG but the main
board
> > > > > has a different layout from the one in my MKII so I need the
MKII
> > > > > service manual which seems to be rarer than a hen's tooth. Any
> > > > > suggestion appreciated.
> > > > > Thanks,
> > > > > George K4GM

[Non-text portions of this message have been removed]

# 18711. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 02:00:47 UTC
From: K4GM- George
Topic: 18703  Message: 18711

Thanks to all who replied so quickly. I found exactly what I needed and
will try to adjust the VCO tomorrow to bring back my FM.
73, George K4GM

On 4/3/2011 00:25, K4GM- George wrote:
>
> Does anyone know where I might find online a manual for the MKII...not
> the MKIIG. I have a service manual for the MKIIG but the main board
> has a different layout from the one in my MKII so I need the MKII
> service manual which seems to be rarer than a hen's tooth. Any
> suggestion appreciated.
> Thanks,
> George K4GM
>
>

[Non-text portions of this message have been removed]

# 18712. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 02:26:19 UTC
From: Jeff Moore
Topic: 18703  Message: 18712

Mick is correct. The mods.dk site has the IC-706MK2 service manual. It's a 24MB zip file. I have it and tried uploading to the list site, however, Yahoo limits file uploads to 5MB so no go.

Get it off the MODS.DK site under Manuals/ICOM:

http://www.mods.dk/manual.php?brand=icom

Scroll down to the line that says: IC-706MK2 Service manual.zip 24.023 Kbytes

73,

Jeff Moore -- KE7ACY

----- Original Message ----- From: Teton Amateur Radio Repeater Association

Like I said, I am going by what they are listing and trying to help. And
you still have no idea. You say "I have seen your posts you like to
post" you and I know better than that, I rarely post because of idiots
like you. I'm not on here to fight with you or anyone else. So let it
go, I am.

Mick

----- Original Message -----
From: Jack
To:
Sent: Saturday, April 02, 2011 07:40:48 PM
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Actually I do have a good idea.
> I am a Moderator or member in most of the radio related groups and I
have
> seen your posts you like to post, the problem is you do not read the
post or
> your information is done with out thinking about it first.
>
> this person asked for one thing and was VERY specific in what he
wanted. You
> reply was well here is the same info as to what you already have and
know is
> not right!
>
> go back and look at the subject line then look at the list you just
posted
> as you tried to say I did not know what I was talking about, now you see
> where your mistake is? he does not want the "G" series or the first

one that
> is the original 706 he needs the 706MKII the second radio in the
series the
> one that there is almost no documentation on to be found.
>
> see I can answer you and not find a need to lower myself to the level of
> calling names or cussing, put your dollar in the jug on the way out!
>
> N6UYB
> Jack E. Foster
>
>
> ----- Original Message -----
> From: "Teton Amateur Radio Repeater Association"
> To:
> Sent: Saturday, April 02, 2011 21:17
> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
>
> > Jack (ass),
> >
> > I'm just going by what they list on their site:
> >
> > ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
> > ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
> > ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
> > ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
> > IC-706MKG ARRL Test-result report.pdf
> >
> > I think you are the one is not complete and making it sound like I
> > always give the wrong information. YOU have no idea!!!
> >
> > Mick
> >
> > ----- Original Message -----
> > From: Jack
> > To:
> > Sent: Saturday, April 02, 2011 06:40:20 PM
> > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
> >
> > > Mick,
> > >
> > > no they don't they have the 706 and the 706MKIIG but nothing for the
> > > 706MKII. once again your information is not complete.
> > >
> > >
> > > N6UYB
> > > Jack E. Foster
> > > ----- Original Message -----
> > > From: "Teton Amateur Radio Repeater Association"

> > > To:
> > > Sent: Saturday, April 02, 2011 20:34
> > > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
> > >
> > >
> > > > Hello George,
> > > >
> > > > Did you look at mods.dk? They show one listed:
> > > > http://mods.dk/manual.php?brand=icom
> > > >
> > > > Mick - W7CAT
> > > >
> > > > ----- Original Message -----
> > > > From: K4GM- George
> > > > To: ic706@yahoogroups.com
> > > > Sent: Saturday, April 02, 2011 06:25:44 PM
> > > > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
> > > >
> > > > > Does anyone know where I might find online a manual for the
> > MKII...not
> > > > > the MKIIG. I have a service manual for the MKIIG but the main
board
> > > > > has a different layout from the one in my MKII so I need the
MKII
> > > > > service manual which seems to be rarer than a hen's tooth. Any
> > > > > suggestion appreciated.
> > > > > Thanks,
> > > > > George K4GM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18713. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 02:50:55 UTC
From: Jack
Topic: 18703  Message: 18713

yet another one that failed to read

----- Original Message -----
From: "Jeff Moore" <tnetcenter@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, April 02, 2011 22:26
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Mick is correct. The mods.dk site has the IC-706MK2 service manual. It's
> a 24MB zip file. I have it and tried uploading to the list site, however,
> Yahoo limits file uploads to 5MB so no go.
>
> Get it off the MODS.DK site under Manuals/ICOM:
>
> http://www.mods.dk/manual.php?brand=icom
>
> Scroll down to the line that says: IC-706MK2 Service manual.zip
> 24.023 Kbytes
>
> 73,
>
> Jeff Moore -- KE7ACY
>
> ----- Original Message ----- From: Teton Amateur Radio Repeater
> Association
>
>
>
>
>
>
>
>
>
>
>
> Like I said, I am going by what they are listing and trying to help. And
> you still have no idea. You say "I have seen your posts you like to
> post" you and I know better than that, I rarely post because of idiots
> like you. I'm not on here to fight with you or anyone else. So let it
> go, I am.
>
> Mick
>
> ----- Original Message -----
> From: Jack
> To:

> Sent: Saturday, April 02, 2011 07:40:48 PM
> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
>> Actually I do have a good idea.
>> I am a Moderator or member in most of the radio related groups and I
> have
>> seen your posts you like to post, the problem is you do not read the
> post or
>> your information is done with out thinking about it first.
>>
>> this person asked for one thing and was VERY specific in what he
> wanted. You
>> reply was well here is the same info as to what you already have and
> know is
>> not right!
>>
>> go back and look at the subject line then look at the list you just
> posted
>> as you tried to say I did not know what I was talking about, now you see
>> where your mistake is? he does not want the "G" series or the first
> one that
>> is the original 706 he needs the 706MKII the second radio in the
> series the
>> one that there is almost no documentation on to be found.
>>
>> see I can answer you and not find a need to lower myself to the level of
>> calling names or cussing, put your dollar in the jug on the way out!
>>
>> N6UYB
>> Jack E. Foster
>>
>>
>> ----- Original Message -----
>> From: "Teton Amateur Radio Repeater Association"
>> To:
>> Sent: Saturday, April 02, 2011 21:17
>> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>>
>>
>> > Jack (ass),
>> >
>> > I'm just going by what they list on their site:
>> >
>> > ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
>> > ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
>> > ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
>> > ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
>> > IC-706MKG ARRL Test-result report.pdf
>> >
>> > I think you are the one is not complete and making it sound like I

>> > always give the wrong information. YOU have no idea!!!
>> >
>> > Mick
>> >
>> > ----- Original Message -----
>> > From: Jack
>> > To:
>> > Sent: Saturday, April 02, 2011 06:40:20 PM
>> > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> >
>> > > Mick,
>> > >
>> > > no they don't they have the 706 and the 706MKIIG but nothing for the
>> > > 706MKII. once again your information is not complete.
>> > >
>> > >
>> > > N6UYB
>> > > Jack E. Foster
>> > > ----- Original Message -----
>> > > From: "Teton Amateur Radio Repeater Association"
>> > > To:
>> > > Sent: Saturday, April 02, 2011 20:34
>> > > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> > > >
>> > > >
>> > > > Hello George,
>> > > >
>> > > > Did you look at mods.dk? They show one listed:
>> > > > http://mods.dk/manual.php?brand=icom
>> > > >
>> > > > Mick - W7CAT
>> > > >
>> > > > ----- Original Message -----
>> > > > From: K4GM- George
>> > > > To: ic706@yahoogroups.com
>> > > > Sent: Saturday, April 02, 2011 06:25:44 PM
>> > > > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> > > >
>> > > > > Does anyone know where I might find online a manual for the
>> > MKII...not
>> > > > > the MKIIG. I have a service manual for the MKIIG but the main
> board
>> > > > > has a different layout from the one in my MKII so I need the
> MKII
>> > > > > service manual which seems to be rarer than a hen's tooth. Any
>> > > > > suggestion appreciated.
>> > > > > Thanks,
>> > > > > George K4GM
>
> [Non-text portions of this message have been removed]

>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18714. Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 04:19:13 UTC
From: Jeff Moore
Topic: 18703  Message: 18714

Wow,

Better clean off that navel window there buddy, You haven't got a clue what you're talking about!

----- Original Message -----
From: Jack
To: ic706@yahoogroups.com
Sent: Saturday, April 02, 2011 7:50 PM
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

yet another one that failed to read

----- Original Message -----
From: "Jeff Moore" <tnetcenter@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, April 02, 2011 22:26
Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG

> Mick is correct. The mods.dk site has the IC-706MK2 service manual. It's
> a 24MB zip file. I have it and tried uploading to the list site, however,
> Yahoo limits file uploads to 5MB so no go.
>
> Get it off the MODS.DK site under Manuals/ICOM:
>
> http://www.mods.dk/manual.php?brand=icom
>
> Scroll down to the line that says: IC-706MK2 Service manual.zip
> 24.023 Kbytes
>
> 73,
>
> Jeff Moore -- KE7ACY
>
> ----- Original Message ----- From: Teton Amateur Radio Repeater
> Association
>
>
>
>
>
>
>
>
>
>
> Like I said, I am going by what they are listing and trying to help. And

> you still have no idea. You say "I have seen your posts you like to
> post" you and I know better than that, I rarely post because of idiots
> like you. I'm not on here to fight with you or anyone else. So let it
> go, I am.
>
> Mick
>
> ----- Original Message -----
> From: Jack
> To:
> Sent: Saturday, April 02, 2011 07:40:48 PM
> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>
>> Actually I do have a good idea.
>> I am a Moderator or member in most of the radio related groups and I
> have
>> seen your posts you like to post, the problem is you do not read the
> post or
>> your information is done with out thinking about it first.
>>
>> this person asked for one thing and was VERY specific in what he
> wanted. You
>> reply was well here is the same info as to what you already have and
> know is
>> not right!
>>
>> go back and look at the subject line then look at the list you just
> posted
>> as you tried to say I did not know what I was talking about, now you see
>> where your mistake is? he does not want the "G" series or the first
> one that
>> is the original 706 he needs the 706MKII the second radio in the
> series the
>> one that there is almost no documentation on to be found.
>>
>> see I can answer you and not find a need to lower myself to the level of
>> calling names or cussing, put your dollar in the jug on the way out!
>>
>> N6UYB
>> Jack E. Foster
>>
>>
>> ----- Original Message -----
>> From: "Teton Amateur Radio Repeater Association"
>> To:
>> Sent: Saturday, April 02, 2011 21:17
>> Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>>
>>
>> > Jack (ass),

>> >
>> > I'm just going by what they list on their site:
>> >
>> > ZIP file. IC-706MK2 Instruction manual.zip 14.720 Kbytes
>> > ZIP file. IC-706MK2 Schematic.zip 549 Kbytes
>> > ZIP file. IC-706MK2 Service manual.zip 24.023 Kbytes
>> > ZIP file. IC-706MK2 Testbericht.zip 674 Kbytes
>> > IC-706MKG ARRL Test-result report.pdf
>> >
>> > I think you are the one is not complete and making it sound like I
>> > always give the wrong information. YOU have no idea!!!
>> >
>> > Mick
>> >
>> > ----- Original Message -----
>> > From: Jack
>> > To:
>> > Sent: Saturday, April 02, 2011 06:40:20 PM
>> > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> >
>> > > Mick,
>> > >
>> > > no they don't they have the 706 and the 706MKIIG but nothing for the
>> > > 706MKII. once again your information is not complete.
>> > >
>> > >
>> > > N6UYB
>> > > Jack E. Foster
>> > > ----- Original Message -----
>> > > From: "Teton Amateur Radio Repeater Association"
>> > > To:
>> > > Sent: Saturday, April 02, 2011 20:34
>> > > Subject: Re: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> > > >
>> > > >
>> > > > Hello George,
>> > > >
>> > > > Did you look at mods.dk? They show one listed:
>> > > > http://mods.dk/manual.php?brand=icom
>> > > >
>> > > > Mick - W7CAT
>> > > >
>> > > > ----- Original Message -----
>> > > > From: K4GM- George
>> > > > To: ic706@yahoogroups.com
>> > > > Sent: Saturday, April 02, 2011 06:25:44 PM
>> > > > Subject: [ic706] Need service manual for IC-706MKII.. not MKIIG
>> > > >
>> > > > > Does anyone know where I might find online a manual for the
>> > MKII...not

>> > > > > the MKIIG. I have a service manual for the MKIIG but the main
> board
>> > > > > has a different layout from the one in my MKII so I need the
> MKII
>> > > > > service manual which seems to be rarer than a hen's tooth. Any
>> > > > > suggestion appreciated.
>> > > > > Thanks,
>> > > > > George K4GM
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18715. Re: Icom 706 mk2g problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 10:03:13 UTC
From: gw0div@btinternet.com
Topic: 18696  Message: 18715

Sounds like the "wide band" mod wasn't done properly - check the diodes against the wide band mods posted online. I think you'll find details at Athens ARC's site.

Rhys
GW0DIV
--- In ic706@yahoogroups.com, "Andrew Gordon" <andy@...> wrote:
>
>
>
> Hi Tony and thank you for your reply,
>
> The radio is in VFO mode and i have tried putting it in FM mode and seeing if it will tune to 6m that way but unfortunately it does not.
>
> Kind regards Andy M0KDB
> >
>

# 18716. Split Frequency Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 13:45:25 UTC
From: Johnboy KI4WCQ
Topic: 18716  Message: 18716

Last night my 706 MKIIG quit working split while on CW. It will switch between VFOs if you are in SSB mode, but won't on CW with a key. In fact, if you key the mic while the mode is set to CW it will switch VFOs, but not if you use a key. In all cases, the display shows that split is on, and checking the VFOs show the different frequencies that I set.

Has anyone had this problem or have any ideas how to fix it? I did a reset of the CPU, but it still won't work split on CW if you use the key.

73,

Johnny, KI4WCQ

# 18717. Re: Split Frequency Problem -more info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 17:09:02 UTC
From: Johnboy KI4WCQ
Topic: 18716  Message: 18717

I have found out that the key will not put it into TX mode. It has full output on ssb, rtty, and AM, and FM. If I key the mic while in CW and use the paddles, it will TX CW. Otherwise, a paddle or key will not put it into TX.

KI4WCQ

--- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@...> wrote:
>
> Last night my 706 MKIIG quit working split while on CW. It will switch between VFOs if you are in SSB mode, but won't on CW with a key. In fact, if you key the mic while the mode is set to CW it will switch VFOs, but not if you use a key. In all cases, the display shows that split is on, and checking the VFOs show the different frequencies that I set.
>
> Has anyone had this problem or have any ideas how to fix it? I did a reset of the CPU, but it still won't work split on CW if you use the key.
>
> 73,
>
> Johnny, KI4WCQ
>

# 18718. Re: [ic706] Re: Split Frequency Problem -more info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 17:34:21 UTC
From: Ken Winterling
Topic: 18716  Message: 18718

Johnny,

How are you keying the radio in CW mode? Do you use an external switch, such as a foot switch, connected to the ACC jack, full break-in, or semi break-in? Have you verified that the plug/wiring and/or keying method is still enabled?

Ken, WA2LBI

On Sun, Apr 3, 2011 at 13:09, Johnboy KI4WCQ <ki4wcq52@...> wrote:

> I have found out that the key will not put it into TX mode. It has full
> output on ssb, rtty, and AM, and FM. If I key the mic while in CW and use
> the paddles, it will TX CW. Otherwise, a paddle or key will not put it into
> TX.
>
> KI4WCQ
>
> --- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@...> wrote:
> >
> > Last night my 706 MKIIG quit working split while on CW. It will switch
> between VFOs if you are in SSB mode, but won't on CW with a key. In fact, if
> you key the mic while the mode is set to CW it will switch VFOs, but not if
> you use a key. In all cases, the display shows that split is on, and
> checking the VFOs show the different frequencies that I set.
> >
> > Has anyone had this problem or have any ideas how to fix it? I did a
> reset of the CPU, but it still won't work split on CW if you use the key.
> >
> > 73,
> >
> > Johnny, KI4WCQ
> >
>

[Non-text portions of this message have been removed]

# 18719. Re: Split Frequency Problem -more info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-04 03:08:40 UTC
From: zl1tbg
Topic: 18716  Message: 18719

The transmit VFO's mode must also be set to cw.

Ralph
--- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Johnny,
>
> How are you keying the radio in CW mode? Do you use an external switch,
> such as a foot switch, connected to the ACC jack, full break-in, or semi
> break-in? Have you verified that the plug/wiring and/or keying method is
> still enabled?
>
> Ken, WA2LBI
>
>
> On Sun, Apr 3, 2011 at 13:09, Johnboy KI4WCQ <ki4wcq52@...> wrote:
>
> > I have found out that the key will not put it into TX mode. It has full
> > output on ssb, rtty, and AM, and FM. If I key the mic while in CW and use
> > the paddles, it will TX CW. Otherwise, a paddle or key will not put it into
> > TX.
> >
> > KI4WCQ
> >
> > --- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@> wrote:
> > >
> > > Last night my 706 MKIIG quit working split while on CW. It will switch
> > between VFOs if you are in SSB mode, but won't on CW with a key. In fact, if
> > you key the mic while the mode is set to CW it will switch VFOs, but not if
> > you use a key. In all cases, the display shows that split is on, and
> > checking the VFOs show the different frequencies that I set.
> > >
> > > Has anyone had this problem or have any ideas how to fix it? I did a
> > reset of the CPU, but it still won't work split on CW if you use the key.
> > >
> > > 73,
> > >
> > > Johnny, KI4WCQ
> > >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18720. Re: Split Frequency Problem -more info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-03 23:48:06 UTC
From: Johnboy KI4WCQ
Topic: 18716  Message: 18720

Ken,

I don't use a foot switch, just the key with semi break-in.

Best I can determine, everything is still enabled. It quit doing split in the middle of chasing some DX last night.

Right now, when in cw it only is a practice oscillator. TX light won't come on and no output.

All other modes work fine, do split and have full output.

It puzzles me.

Ki4wcq

--- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Johnny,
>
> How are you keying the radio in CW mode? Do you use an external switch,
> such as a foot switch, connected to the ACC jack, full break-in, or semi
> break-in? Have you verified that the plug/wiring and/or keying method is
> still enabled?
>
> Ken, WA2LBI
>
>
> On Sun, Apr 3, 2011 at 13:09, Johnboy KI4WCQ <ki4wcq52@...> wrote:
>
> > I have found out that the key will not put it into TX mode. It has full
> > output on ssb, rtty, and AM, and FM. If I key the mic while in CW and use
> > the paddles, it will TX CW. Otherwise, a paddle or key will not put it into
> > TX.
> >
> > KI4WCQ
> >
> > --- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@> wrote:
> > >
> > > Last night my 706 MKIIG quit working split while on CW. It will switch
> > between VFOs if you are in SSB mode, but won't on CW with a key. In fact, if
> > you key the mic while the mode is set to CW it will switch VFOs, but not if
> > you use a key. In all cases, the display shows that split is on, and
> > checking the VFOs show the different frequencies that I set.
> > >
> > > Has anyone had this problem or have any ideas how to fix it? I did a
> > reset of the CPU, but it still won't work split on CW if you use the key.

> > >
> > > 73,
> > >
> > > Johnny, KI4WCQ
> > >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18721. Re: [ic706] Re: Split Frequency Problem -more info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-04 06:57:12 UTC
From: Ken Winterling
Topic: 18716  Message: 18721

Does VOX work in SSB?

On 04/03/2011, Johnboy KI4WCQ <ki4wcq52@...> wrote:
> Ken,
>
> I don't use a foot switch, just the key with semi break-in.
>
> Best I can determine, everything is still enabled. It quit doing split in
> the middle of chasing some DX last night.
>
> Right now, when in cw it only is a practice oscillator. TX light won't come
> on and no output.
>
> All other modes work fine, do split and have full output.
>
> It puzzles me.
>
> Ki4wcq
>
>
> --- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>>
>> Johnny,
>>
>> How are you keying the radio in CW mode? Do you use an external switch,
>> such as a foot switch, connected to the ACC jack, full break-in, or semi
>> break-in? Have you verified that the plug/wiring and/or keying method is
>> still enabled?
>>
>> Ken, WA2LBI
>>
>>
>> On Sun, Apr 3, 2011 at 13:09, Johnboy KI4WCQ <ki4wcq52@...> wrote:
>>
>> > I have found out that the key will not put it into TX mode. It has full
>> > output on ssb, rtty, and AM, and FM. If I key the mic while in CW and
>> > use
>> > the paddles, it will TX CW. Otherwise, a paddle or key will not put it
>> > into
>> > TX.
>> >
>> > KI4WCQ
>> >
>> > --- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@> wrote:
>> > >

>> > > Last night my 706 MKIIG quit working split while on CW. It will
>> > > switch
>> > between VFOs if you are in SSB mode, but won't on CW with a key. In
>> > fact, if
>> > you key the mic while the mode is set to CW it will switch VFOs, but not
>> > if
>> > you use a key. In all cases, the display shows that split is on, and
>> > checking the VFOs show the different frequencies that I set.
>> > >
>> > > Has anyone had this problem or have any ideas how to fix it? I did a
>> > reset of the CPU, but it still won't work split on CW if you use the
>> > key.
>> > >
>> > > 73,
>> > >
>> > > Johnny, KI4WCQ
>> > >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

--

Ken, WA2LBI

# 18722. Re: Split Frequency Problem -Problem solved

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-04 14:50:15 UTC
From: Johnboy KI4WCQ
Topic: 18716  Message: 18722

I reset the CPU a second time and entered my options again. It works now, but still not sure why it quit and why it didn't work after the first reset.

Anyway, I'm happy and thanks for the suggestions. It saved me from trying to figure out how to make my FT 857 do what I wanted. I absolutely hate that Yaesu and its layered menus. It's not as nimble as the 706 with all of the push this, turn that, push this, etc.

--- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> Does VOX work in SSB?
>
>
> On 04/03/2011, Johnboy KI4WCQ <ki4wcq52@...> wrote:
> > Ken,
> >
> > I don't use a foot switch, just the key with semi break-in.
> >
> > Best I can determine, everything is still enabled. It quit doing split in
> > the middle of chasing some DX last night.
> >
> > Right now, when in cw it only is a practice oscillator. TX light won't come
> > on and no output.
> >
> > All other modes work fine, do split and have full output.
> >
> > It puzzles me.
> >
> > Ki4wcq
> >
> >
> > --- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@> wrote:
> >>
> >> Johnny,
> >>
> >> How are you keying the radio in CW mode? Do you use an external switch,
> >> such as a foot switch, connected to the ACC jack, full break-in, or semi
> >> break-in? Have you verified that the plug/wiring and/or keying method is
> >> still enabled?
> >>
> >> Ken, WA2LBI
> >>
> >>
> >> On Sun, Apr 3, 2011 at 13:09, Johnboy KI4WCQ <ki4wcq52@> wrote:
> >>
> >> > I have found out that the key will not put it into TX mode. It has full

> >> > output on ssb, rtty, and AM, and FM. If I key the mic while in CW and
> >> > use
> >> > the paddles, it will TX CW. Otherwise, a paddle or key will not put it
> >> > into
> >> > TX.
> >> >
> >> > KI4WCQ
> >> >
> >> > --- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@> wrote:
> >> > >
> >> > > Last night my 706 MKIIG quit working split while on CW. It will
> >> > > switch
> >> > between VFOs if you are in SSB mode, but won't on CW with a key. In
> >> > fact, if
> >> > you key the mic while the mode is set to CW it will switch VFOs, but not
> >> > if
> >> > you use a key. In all cases, the display shows that split is on, and
> >> > checking the VFOs show the different frequencies that I set.
> >> > >
> >> > > Has anyone had this problem or have any ideas how to fix it? I did a
> >> > reset of the CPU, but it still won't work split on CW if you use the
> >> > key.
> >> > >
> >> > > 73,
> >> > >
> >> > > Johnny, KI4WCQ
> >> > >
> >> >
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
> --
>
> Ken, WA2LBI
>

# 18723. Re: Split Frequency Problem -Problem solved

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 17:58:32 UTC
From: jb
Topic: 18716  Message: 18723

Hi Johnny,
Great news. What a relief, huh? I suppose, just like any other computer setup, even a boot-up can have a glitch and not read everything it is supposed to from the ROM.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "Johnboy KI4WCQ" <ki4wcq52@...> wrote:
>
> I reset the CPU a second time and entered my options again. It works now, but still not sure why it quit and why it didn't work after the first reset.
>
> Anyway, I'm happy and thanks for the suggestions. It saved me from trying to figure out how to make my FT 857 do what I wanted. I absolutely hate that Yaesu and its layered menus. It's not as nimble as the 706 with all of the push this, turn that, push this, etc.
>

# 18724. receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 15:57:37 UTC
From: Bill
Topic: 18724  Message: 18724

Hi Guys,
i am a new member , my name is Bill and my call is G4KKI,
been licensed since 1980.
I have just aquired an Icom 706, early issue, it was my friends who
sadly passed away.
He told me sometime ago it had developed a fault but he just left it and
it never got looked at.
This may have been asked before but i did a search of the messages and
could not find any thing about it.
The fault is on receive only, the audio through the speaker distorts
badly even at fiarly low volume, through the phones socket
it seems ok but at higher levels of audio it does distort a bit. Maybe
someone has come across this fault before and can point me in
the right direction to fix it.
Everything else seems fine and i have had several QSO with it on CW and
a couple on 2mtrs FM.

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

# 18725. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 21:06:09 UTC
From: Mike Rodgers
Topic: 18724  Message: 18725

Is DSP off? Nb off?

Mike R

Sent from my spy ring

On Apr 5, 2011, at 10:57 AM, Bill <g4kki.william@...> wrote:

> Hi Guys,
> i am a new member , my name is Bill and my call is G4KKI,
> been licensed since 1980.
> I have just aquired an Icom 706, early issue, it was my friends who
> sadly passed away.
> He told me sometime ago it had developed a fault but he just left it and
> it never got looked at.
> This may have been asked before but i did a search of the messages and
> could not find any thing about it.
> The fault is on receive only, the audio through the speaker distorts
> badly even at fiarly low volume, through the phones socket
> it seems ok but at higher levels of audio it does distort a bit. Maybe
> someone has come across this fault before and can point me in
> the right direction to fix it.
> Everything else seems fine and i have had several QSO with it on CW and
> a couple on 2mtrs FM.
>
> --
> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>

[Non-text portions of this message have been removed]

# 18726. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 21:37:27 UTC
From: Joe Isabella
Topic: 18724  Message: 18726

Original 706 has no DSP and NB does nothing in FM. An audio clip would be nice so we could hear the distortion. Do you have that capability?

Joe, N3JI

Sent from my Verizon Android Phone

Mike Rodgers <mikerodgerske5gbc@yahoo.com> wrote:

>Is DSP off? Nb off?
>
>Mike R
>
>Sent from my spy ring
>
>On Apr 5, 2011, at 10:57 AM, Bill <g4kki.william@ntlworld.com> wrote:
>
>> Hi Guys,
>> i am a new member , my name is Bill and my call is G4KKI,
>> been licensed since 1980.
>> I have just aquired an Icom 706, early issue, it was my friends who
>> sadly passed away.
>> He told me sometime ago it had developed a fault but he just left it and
>> it never got looked at.
>> This may have been asked before but i did a search of the messages and
>> could not find any thing about it.
>> The fault is on receive only, the audio through the speaker distorts
>> badly even at fiarly low volume, through the phones socket
>> it seems ok but at higher levels of audio it does distort a bit. Maybe
>> someone has come across this fault before and can point me in
>> the right direction to fix it.
>> Everything else seems fine and i have had several QSO with it on CW and
>> a couple on 2mtrs FM.
>>
>> --
>> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>>
>
>
>[Non-text portions of this message have been removed]
>

# 18727. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 21:11:30 UTC
From: Bill
Topic: 18724  Message: 18727

Thanks Mike, yes nb is off but there is no dsp on this early model.
Bill
G4KKI

On 05/04/2011 21:06, Mike Rodgers wrote:
>
> Is DSP off? Nb off?
>
> Mike R
>
> Sent from my spy ring
>

73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18728. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 21:32:51 UTC
From: Tony D.
Topic: 18724  Message: 18728

Hello Bill,
I suggest trying an external speaker to rule out a bad radio speaker.
Could be a simple fix!
73
Tony - KF4WUI
 Have a GREAT DAY !
God Bless America

---

From: Bill <g4kki.william@...>
To: ic706@yahoogroups.com
Sent: Tue, April 5, 2011 11:57:37 AM
Subject: [ic706] receive audio distorts

Hi Guys,
i am a new member , my name is Bill and my call is G4KKI,
been licensed since 1980.
I have just aquired an Icom 706, early issue, it was my friends who
sadly passed away.
He told me sometime ago it had developed a fault but he just left it and
it never got looked at.
This may have been asked before but i did a search of the messages and
could not find any thing about it.
The fault is on receive only, the audio through the speaker distorts
badly even at fiarly low volume, through the phones socket
it seems ok but at higher levels of audio it does distort a bit. Maybe
someone has come across this fault before and can point me in
the right direction to fix it.
Everything else seems fine and i have had several QSO with it on CW and
a couple on 2mtrs FM.

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18729. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 22:02:06 UTC
From: Bill
Topic: 18724  Message: 18729

Hi Tony,
i will try a replacement speaker, or even an external
one, i have some laying around in here somewhere! i will dig one out
tomorrow
and try it.
73
Bill
G4KKI

On 05/04/2011 21:32, Tony D. wrote:
>
> Hello Bill,
> I suggest trying an external speaker to rule out a bad radio speaker.
> Could be a simple fix!
> 73
> Tony - KF4WUI
> Have a GREAT DAY !
> God Bless America
>
> _____
> From: Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tue, April 5, 2011 11:57:37 AM
> Subject: [ic706] receive audio distorts
>
>
> Hi Guys,
> i am a new member , my name is Bill and my call is G4KKI,
> been licensed since 1980.
> I have just aquired an Icom 706, early issue, it was my friends who
> sadly passed away.
> He told me sometime ago it had developed a fault but he just left it and
> it never got looked at.
> This may have been asked before but i did a search of the messages and
> could not find any thing about it.
> The fault is on receive only, the audio through the speaker distorts
> badly even at fiarly low volume, through the phones socket
> it seems ok but at higher levels of audio it does distort a bit. Maybe
> someone has come across this fault before and can point me in
> the right direction to fix it.
> Everything else seems fine and i have had several QSO with it on CW and
> a couple on 2mtrs FM.
>
> --

> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>
> [Non-text portions of this message have been removed]
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18730. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-05 22:03:51 UTC
From: Bill
Topic: 18724  Message: 18730

Hi Joe,
if the external speaker does not do the trick, then i will
see about recording a clip, i should be able to do that easily
enough, i think my mp3 player has a record option on it.
Bill, G4KKI

On 05/04/2011 21:37, Joe Isabella wrote:
>
> Original 706 has no DSP and NB does nothing in FM. An audio clip would
> be nice so we could hear the distortion. Do you have that capability?
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> Mike Rodgers <mikerodgerske5gbc@...
> <mailto:mikerodgerske5gbc%40yahoo.com>> wrote:
>
> >Is DSP off? Nb off?
> >
> >Mike R
> >
> >Sent from my spy ring
> >
> >On Apr 5, 2011, at 10:57 AM, Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>> wrote:
> >
> >> Hi Guys,
> >> i am a new member , my name is Bill and my call is G4KKI,
> >> been licensed since 1980.
> >> I have just aquired an Icom 706, early issue, it was my friends who
> >> sadly passed away.
> >> He told me sometime ago it had developed a fault but he just left
> it and
> >> it never got looked at.
> >> This may have been asked before but i did a search of the messages and
> >> could not find any thing about it.
> >> The fault is on receive only, the audio through the speaker distorts
> >> badly even at fiarly low volume, through the phones socket
> >> it seems ok but at higher levels of audio it does distort a bit. Maybe
> >> someone has come across this fault before and can point me in
> >> the right direction to fix it.
> >> Everything else seems fine and i have had several QSO with it on CW
> and
> >> a couple on 2mtrs FM.

> >>
> >> --
> >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >>
> >
> >
> >[Non-text portions of this message have been removed]
> >
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18731. Re: [ic706] receive audio distorts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-06 14:01:36 UTC
From: Bill
Topic: 18724  Message: 18731

Hi Joe, guys,
i tried makinga recording but could not find
a computer mic, the internal mic on the laptop was useless, i'll have to
pick one up.
I tried a speaker but it was not much use! I have got a set of
amplified speakers that i used and it was fine through those, from the
phone socket on the front and then from the speaker socket on the back,
i coupld turn the volume up fairly high (on the rig and fed into the
speakers at low volume) without distortion. I'll get hold of a decent
speaker and try that when i get chance, meanwhile it's fine through
phones, which i normally wear anyway. Just worked VP5/W5CW with my
indoor magloop and 5 watts on 12m..
Bill
G4KKI

On 05/04/2011 21:37, Joe Isabella wrote:
>
> Original 706 has no DSP and NB does nothing in FM. An audio clip would
> be nice so we could hear the distortion. Do you have that capability?
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> Mike Rodgers <mikerodgerske5gbc@...
> <mailto:mikerodgerske5gbc%40yahoo.com>> wrote:
>
> >Is DSP off? Nb off?
> >
> >Mike R
> >
> >Sent from my spy ring
> >
> >On Apr 5, 2011, at 10:57 AM, Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>> wrote:
> >
> >> Hi Guys,
> >> i am a new member , my name is Bill and my call is G4KKI,
> >> been licensed since 1980.
> >> I have just aquired an Icom 706, early issue, it was my friends who
> >> sadly passed away.
> >> He told me sometime ago it had developed a fault but he just left
> it and
> >> it never got looked at.
> >> This may have been asked before but i did a search of the messages and

> >> could not find any thing about it.
> >> The fault is on receive only, the audio through the speaker distorts
> >> badly even at fiarly low volume, through the phones socket
> >> it seems ok but at higher levels of audio it does distort a bit. Maybe
> >> someone has come across this fault before and can point me in
> >> the right direction to fix it.
> >> Everything else seems fine and i have had several QSO with it on CW
> and
> >> a couple on 2mtrs FM.
> >>
> >> --
> >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >>
> >
> >
> >[Non-text portions of this message have been removed]
> >
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18732. diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 14:03:27 UTC
From: BIG DAVE
Topic: 18732  Message: 18732

Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
anyone had the same problem??.
Dave M3CAD

# 18733. Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 18:33:04 UTC
From: Tony
Topic: 18732  Message: 18733

--- In ic706@yahoogroups.com, "BIG DAVE" <m3cad@...> wrote:
>
> Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> anyone had the same problem??.
> Dave M3CAD

>Which antenna? Is the tailgate earth strapped to the main body?

Tony M0TRO

# 18734. RE: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 18:49:38 UTC
From: Tony
Topic: 18732  Message: 18734

I had similar problems with a small Toyota many years ago. Grounded the tailpipe and most of the noise disappeard.

Tony

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of BIG DAVE
Sent: Friday, April 08, 2011 9:03 AM
To: ic706@yahoogroups.com
Subject: [ic706] diesel

Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
anyone had the same problem??.
Dave M3CAD

---

Yahoo! Groups Links

# 18735. RE: [ic706] Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 19:20:44 UTC
From: Tony
Topic: 18732  Message: 18735

I had a similar problem with a small Toyota many years ago. Tried everything with no luck. Finally grounded the tailpipe near the exhaust end to the car frame and the noise almost disappeared. Seems everything to do with the motor was isolated from the frame and the tailpipe made a very good antenna for the ignition system.

Tony

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Tony
Sent: Friday, April 08, 2011 1:33 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: diesel

--- In ic706@yahoogroups.com, "BIG DAVE" <m3cad@...> wrote:
>
> Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> anyone had the same problem??.
> Dave M3CAD

>Which antenna? Is the tailgate earth strapped to the main body?

Tony M0TRO

---

Yahoo! Groups Links

# 18736. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 20:18:47 UTC
From: Joe Isabella
Topic: 18732  Message: 18736

I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...

Joe, N3JI

Sent from my Verizon Android Phone

BIG DAVE <m3cad@tiscali.co.uk> wrote:

>Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
>anyone had the same problem??.
> Dave M3CAD
>

# 18737. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 23:37:25 UTC
From: Bob Reiff
Topic: 18732  Message: 18737

I had the identical problem on a 1969 Buick Skylark using a Drake TR4 (ignition noise that went away when the antenna was disconnected). I placed a conventional AM transistor radio with an earphone installed inside a heavy coating of aluminum foil covering the radio. I used it as a signal tracer on a nonexistant station. The noise was coming from the tailpipe on the right side of the car across the rear of the car to the base of the antenna on the left side of the bumper. I followed it forward up the tailpipe and muffler to the exhaust manifold and engine. To get rid of the noise I filed a bare spot on the tailpipe every 3 feet and wrapped and clamped a braided ground strap to the exhaust pipe with a radiator hose clamp and grounded the straps to the frame of the car. Went from 20 over 9 to barely detectable. That muffler tailpipe combo was about a quarter wave on 20 meters???????????? Anyhow, the ground straps worked.

Bob, WA8ULW

Joe Isabella wrote:

>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the
> truck. I have a diesel Ford F250 that needed some grounding to clear
> up injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> BIG DAVE <m3cad@... <mailto:m3cad%40tiscali.co.uk>> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the
> fascia is on windscreen and main unit is at the rear, the antenna is
> fitted to the tailgate with a mount that is earthed by the screws that
> hold it, the coax is earthed as is the radio but the inteference is
> chronic, its worse that a petrol engine even on FM, if you remove
> antenna the noise stops completly so its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>

[Non-text portions of this message have been removed]

# 18738. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-08 22:32:41 UTC
From: VK4TTT (Samantha)
Topic: 18732  Message: 18738

Yes

I do on a bt50, but only while I accelerate

Samantha
----- Original Message -----
From: BIG DAVE
To: ic706@yahoogroups.com
Sent: Saturday, April 09, 2011 12:03 AM
Subject: [ic706] diesel

Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
anyone had the same problem??.
Dave M3CAD

[Non-text portions of this message have been removed]

# 18739. Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 08:44:36 UTC
From: gw0div@btinternet.com
Topic: 18732  Message: 18739

When you say earthed by the bolts that hold the bracket do you mean you've drilled through the body work to bolt on the bracket. If you're running a boot lip bracket held on by grub screws then you don't really have an earth at all. You'll need a good solid earth (not braid!!) to the tail gate and a good solid earth from the tail gate to the body. Have a look at K0BG's site - he is the guru of mobile instalation.

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "VK4TTT \(Samantha\)" <vk4ttt@...> wrote:
>
> Yes
>
> I do on a bt50, but only while I accelerate
>
>
> Samantha
> ----- Original Message -----
> From: BIG DAVE
> To: ic706@yahoogroups.com
> Sent: Saturday, April 09, 2011 12:03 AM
> Subject: [ic706] diesel
>
>
>
> Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> anyone had the same problem??.
> Dave M3CAD
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18740. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 07:06:46 UTC
From: David Coubrough
Topic: 18732  Message: 18740

Thanks everybody for their suggestions will give them a try, the
interference is only on acceleration if you let your foot off it disapears

On Fri, Apr 8, 2011 at 9:18 PM, Joe Isabella <n3ji@...> wrote:

>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the
> truck. I have a diesel Ford F250 that needed some grounding to clear up
> injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
>
> BIG DAVE <m3cad@...> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia
> is on windscreen and main unit is at the rear, the antenna is fitted to the
> tailgate with a mount that is earthed by the screws that hold it, the coax
> is earthed as is the radio but the inteference is chronic, its worse that a
> petrol engine even on FM, if you remove antenna the noise stops completly so
> its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>
>

--
Regards Dave.

[Non-text portions of this message have been removed]

# 18741. Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 11:41:35 UTC
From: aceblaggard
Topic: 18732  Message: 18741

When you say it goes if you take your foot of the accelerator, does it return if the engine is out of gear and idling or if you push the clutch in when moving? If it does it sounds like injector interference and I've yet to see a cure for it, grounding and shielding can reduce the effect but nothing I've found online or done myself has cured it. My TD5 Disco is just as bad but fortunately it drops off into 10m as that's my favourite band at the moment.

Paul

--- In ic706@yahoogroups.com, David Coubrough <m3cad@...> wrote:
>
> Thanks everybody for their suggestions will give them a try, the
> interference is only on acceleration if you let your foot off it disapears

# 18742. Re: Icom 706 mk2g problems

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 17:06:04 UTC
From: Andrew Gordon
Topic: 18696  Message: 18742

Hi Guys,

Just to keep you all updated and to thank you for the great advice.
People may also find this solution helpful.
I posted on here that my MK2G had lost 6m rx and tx and also RX outside ham bands.

I had it checked out by a local ham who has experience of these radios. What he found was that when the previous owner had widebanded the set some of the track above where the pad is removed to wideband the set had been damaged and hence a circuit had been broken.Apparently all the track should be joined together. He installed a small jumper and my radio is good as new

Thanks again for the advice

Regards Andy M0KDB

# 18743. Re: [ic706] Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 19:40:39 UTC
From: David Coubrough
Topic: 18732  Message: 18743

Hallo Paul,
its only there when accelerating nothing when foot off, have
been told that it is the electronic injection system someone else has the
same motor with same problem and the 706 is worse for it than other radio's
I tried to use DSP to cure it but after setting 4 it ruins the incoming
signal, going to try a Alinco DX70 see if thats any better.

On Sat, Apr 9, 2011 at 12:41 PM, aceblaggard <yahoolists@...>wrote:

>
>
> When you say it goes if you take your foot of the accelerator, does it
> return if the engine is out of gear and idling or if you push the clutch in
> when moving? If it does it sounds like injector interference and I've yet to
> see a cure for it, grounding and shielding can reduce the effect but nothing
> I've found online or done myself has cured it. My TD5 Disco is just as bad
> but fortunately it drops off into 10m as that's my favourite band at the
> moment.
>
> Paul
>
>
> --- In ic706@yahoogroups.com, David Coubrough <m3cad@...> wrote:
> >
> > Thanks everybody for their suggestions will give them a try, the
> > interference is only on acceleration if you let your foot off it
> disapears
>
>
>

--
Regards Dave.

[Non-text portions of this message have been removed]

# 18744. Re: [ic706] Re: diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-09 21:04:16 UTC
From: Deacon Dave
Topic: 18732  Message: 18744

Still think it's a fuel pump issue.

----- Original Message -----
From: "David Coubrough" <m3cad@...>
To: <ic706@yahoogroups.com>
Sent: Saturday, April 09, 2011 3:40 PM
Subject: Re: [ic706] Re: diesel

> Hallo Paul,
> its only there when accelerating nothing when foot off, have
> been told that it is the electronic injection system someone else has the
> same motor with same problem and the 706 is worse for it than other
> radio's
> I tried to use DSP to cure it but after setting 4 it ruins the incoming
> signal, going to try a Alinco DX70 see if thats any better.
>
> On Sat, Apr 9, 2011 at 12:41 PM, aceblaggard
> <yahoolists@...>wrote:
>
>>
>>
>> When you say it goes if you take your foot of the accelerator, does it
>> return if the engine is out of gear and idling or if you push the clutch
>> in
>> when moving? If it does it sounds like injector interference and I've yet
>> to
>> see a cure for it, grounding and shielding can reduce the effect but
>> nothing
>> I've found online or done myself has cured it. My TD5 Disco is just as
>> bad
>> but fortunately it drops off into 10m as that's my favourite band at the
>> moment.
>>
>> Paul
>>
>>
>> --- In ic706@yahoogroups.com, David Coubrough <m3cad@...> wrote:
>> >
>> > Thanks everybody for their suggestions will give them a try, the
>> > interference is only on acceleration if you let your foot off it
>> disapears
>>
>>
>>
>>
>

>
>
> --
> Regards Dave.
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 18745. heath HD 1410 keyer with IC706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 12:47:20 UTC
From: Bill
Topic: 18732  Message: 18745

Has anyone used or is using a Heathkit HD1410 keyer with an IC706, i have one here that i would like to use.
I'm not sure what i would have to do to the keyer to get it to key up the rig.
At present i am either using hte internal keyer or a pico keyer but i like the HD 1410 and would like to use it
here in the shack. It keys an FT840 with no problem.
Bill
G4KKI

# 18746. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 15:51:41 UTC
From: Larry J. Ford
Topic: 18732  Message: 18746

What do you recommend for grounding straps (or what every they might be called?). I've seen (on the internet)copper strips used. I've managed to collect at various hamfests over the past couple of years, a number of tinned, braided straps with ring connectors on the ends that I thought might do the job.

I want to install an IC-706MKII in my 2006 Honda CR-V, with an AH-2 or AH-4 mounted up in a cavity just aft of the left rear wheel and forward of the rear bumper, right at the feed point for an AH-2b mobile antenna system. The support attachment for the AH-2b would be to the frame just forward of the rear bumper. The antenna part would extend vertically just aft of the left rear wheel.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Friday, April 08, 2011 4:18 PM
Subject: Re: [ic706] diesel

I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...

Joe, N3JI

Sent from my Verizon Android Phone

BIG DAVE <m3cad@...> wrote:

>Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
>anyone had the same problem??.
> Dave M3CAD
>

[Non-text portions of this message have been removed]

# 18747. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 16:05:04 UTC
From: Mark Brueggemann
Topic: 18732  Message: 18747

--- On Mon, 4/11/11, Larry J. Ford <lford@...> wrote:

> What do you recommend for grounding straps

I use the braid off of old/junk coax.

Mark K5LXP
Albuquerque, NM

# 18748. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 16:12:26 UTC
From: Jack
Topic: 18732  Message: 18748

I use 1 inch braid never had a problem with it, have had straps break from too much flex.

N6UYB
Jack E. Foster
----- Original Message -----
From: "Mark Brueggemann" <qrq_cw@...>
To: <ic706@yahoogroups.com>
Sent: Monday, April 11, 2011 12:05
Subject: Re: [ic706] diesel

>
> --- On Mon, 4/11/11, Larry J. Ford <lford@...> wrote:
>
>> What do you recommend for grounding straps
>
> I use the braid off of old/junk coax.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18749. Re: [ic706] heath HD 1410 keyer with IC706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 16:22:20 UTC
From: Brock Winfrey
Topic: 18732  Message: 18749

If it is the heathkit paddles I have you can look in the manual and see the easy mod to make it for solid state rigs.

Sincerely, Brock Winfrey

--- On Mon, 4/11/11, Bill <g4kki.william@...> wrote:

From: Bill <g4kki.william@...>
Subject: [ic706] heath HD 1410 keyer with IC706
To: ic706@yahoogroups.com
Date: Monday, April 11, 2011, 8:47 AM

Has anyone used or is using a Heathkit HD1410 keyer with an IC706, i
have one here that i would like to use.
I'm not sure what i would have to do to the keyer to get it to key up
the rig.
At present i am either using hte internal keyer or a pico keyer but i
like the HD 1410 and would like to use it
here in the shack. It keys an FT840 with no problem.
Bill
G4KKI

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18750. Re: [ic706] heath HD 1410 keyer with IC706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 16:23:01 UTC
From: Brock Winfrey
Topic: 18732  Message: 18750

The easy mod for a Heathkit paddle to solid state rigs is just a soldered jumper or something.  Nothing complicated.

Sincerely, Brock Winfrey

--- On Mon, 4/11/11, Bill <g4kki.william@...> wrote:

From: Bill <g4kki.william@...>
Subject: [ic706] heath HD 1410 keyer with IC706
To: ic706@yahoogroups.com
Date: Monday, April 11, 2011, 8:47 AM

Has anyone used or is using a Heathkit HD1410 keyer with an IC706, i
have one here that i would like to use.
I'm not sure what i would have to do to the keyer to get it to key up
the rig.
At present i am either using hte internal keyer or a pico keyer but i
like the HD 1410 and would like to use it
here in the shack. It keys an FT840 with no problem.
Bill
G4KKI

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18751. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 17:28:26 UTC
From: Dave Santoro
Topic: 18732  Message: 18751

Hi Larry,

Okay, after performing literally hundreds of vehicle/fleet installations I think if you follow the following recommendations' you won't go wrong.

First, grounding. All exterior openings such as the doors, trunk/boot, hood/bonnet and even the fuel filler door must have at least one well attached grounding strap from the body to the item you are grounding. I attach two per door, one at the top hinge and one at the lower hinge. Two straps on the hood/bonnet, one near the left hinge and one at the right hinge. So on and so on. I also use a quality copper paste or metalized Never-Seize paste between every attachment point. This maintains a good conduction and minimizes corrosion.

Next you will need to lift the car so you can attach at least four straps. Both sides and front and rear body mains to the chassis. You should also ground the bumpers to the chassis and then you must ground the exhaust at, at least two places. One near the joining of the exhaust header to the pipe and at least one at the exhaust tail pipe. Additionally, you should attach at least two straps to the engine. One from the area of the starter the other from the upper area near the injectors if so equipped.

To restrict high pass noise as from Cooling Fans and A/C Blowers you should attach a good quality DC Filter to the main DC feed line to your radio(s).

Lastly you should install Clamshell Ferrites at the termination points of all connections to the radio, Power, Speaker and Coax.

With these methods' I have achieved a nearly flat Signal to Noise ratio across the band. I can even work HF while driving down the road.

I installed a Kenwood 742A, an ICOM 706MkII and a Uniden 795D in my Nissan Van. the radios are all mounted under the drivers seat with the control heads mounted on the dash just in front of the A/C center vents.

I mounted my AH-4 to the rear drivers side wall/bulkhead just behind the third row seat and the output feed line runs under the wall to the Ball-Mount installed about 16 inches away. Note that I converted the open feed line output to a PL239 chassis connector allowing me to use RG-8 with standard PL-259 connectors. That way I have no concern for shorts or hands touching the connector while transmitting. It also allows me to easily connect an external Field Antenna when running in the field if I need to.

Long answer to a short question, hope it helps.

Best of Luck & 73,

Dave S.
W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Monday, April 11, 2011 8:51 AM
Subject: Re: [ic706] diesel

> What do you recommend for grounding straps (or what every they might be called?). I've seen (on the internet)copper strips used. I've managed to collect at various hamfests over the past couple of years, a number of tinned, braided straps with ring connectors on the ends that I thought might do the job.
>
> I want to install an IC-706MKII in my 2006 Honda CR-V, with an AH-2 or AH-4 mounted up in a cavity just aft of the left rear wheel and forward of the rear bumper, right at the feed point for an AH-2b mobile antenna system. The support attachment for the AH-2b would be to the frame just forward of the rear bumper. The antenna part would extend vertically just aft of the left rear wheel.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Friday, April 08, 2011 4:18 PM
> Subject: Re: [ic706] diesel
>
>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> BIG DAVE <m3cad@...> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18752. Re: [ic706] heath HD 1410 keyer with IC706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 17:47:05 UTC
From: Bill
Topic: 18732  Message: 18752

Thanks Brock,
i don't have a manual but i can download one from
BAMA i think under heathkit.
I'll do that, i was hoping it was just a matter of a jumper or
something easy like that :-)
73 de Bill G4KKI

On 11/04/2011 16:23, Brock Winfrey wrote:
>
> The easy mod for a Heathkit paddle to solid state rigs is just a
> soldered jumper or something. Nothing complicated.
>
> Sincerely, Brock Winfrey
>
> --- On Mon, 4/11/11, Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>> wrote:
>
> From: Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>>
> Subject: [ic706] heath HD 1410 keyer with IC706
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Date: Monday, April 11, 2011, 8:47 AM
>
> Has anyone used or is using a Heathkit HD1410 keyer with an IC706, i
> have one here that i would like to use.
> I'm not sure what i would have to do to the keyer to get it to key up
> the rig.
> At present i am either using hte internal keyer or a pico keyer but i
> like the HD 1410 and would like to use it
> here in the shack. It keys an FT840 with no problem.
> Bill
> G4KKI
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18753. Icom 706 MKIIG power up problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 00:06:31 UTC
From: w9nfl
Topic: 18753  Message: 18753

Hi,

I have an Icom 706 MKIIG that sometimes emits a repeated softer clicking sound and the radio will not power up. I'll leave it alone for a day or two and then it will power up. Other times it does one click and powers up normaly. It works fine once it is on.

It doesn't appeat to be temperture related. I changed power supplies and the radio does the same thing.

Is this a known failure mode for this radio?

Thanks for any comments,
KB

# 18754. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 00:48:02 UTC
From: Floyd Lang
Topic: 18732  Message: 18754

Hi Dave and Larry.
I just wanted to add that I have found it helpful to install clamshell ferrites to the feeds to the injectors also.
Floyd
AF6BC

--- On Mon, 4/11/11, Dave Santoro <w6bts@...> wrote:

From: Dave Santoro <w6bts@...>
Subject: Re: [ic706] diesel
To: ic706@yahoogroups.com
Date: Monday, April 11, 2011, 10:28 AM

Hi Larry,

Okay, after performing literally hundreds of vehicle/fleet installations I think if you follow the following recommendations' you won't go wrong.

First, grounding. All exterior openings such as the doors, trunk/boot, hood/bonnet and even the fuel filler door must have at least one well attached grounding strap from the body to the item you are grounding. I attach two per door, one at the top hinge and one at the lower hinge. Two straps on the hood/bonnet, one near the left hinge and one at the right hinge. So on and so on. I also use a quality copper paste or metalized Never-Seize paste between every attachment point. This maintains a good conduction and minimizes corrosion.

Next you will need to lift the car so you can attach at least four straps. Both sides and front and rear body mains to the chassis. You should also ground the bumpers to the chassis and then you must ground the exhaust at, at least two places. One near the joining of the exhaust header to the pipe and at least one at the exhaust tail pipe. Additionally, you should attach at least two straps to the engine. One from the area of the starter the other from the upper area near the injectors if so equipped.

To restrict high pass noise as from Cooling Fans and A/C Blowers you should attach a good quality DC Filter to the main DC feed line to your radio(s).

Lastly you should install Clamshell Ferrites at the termination points of all connections to the radio, Power, Speaker and Coax.

With these methods' I have achieved a nearly flat Signal to Noise ratio across the band. I can even work HF while driving down the road.

I installed a Kenwood 742A, an ICOM 706MkII and a Uniden 795D in my Nissan Van. the radios are all mounted under the drivers seat with the control heads mounted on the dash just in front of the A/C center vents.

I mounted my AH-4 to the rear drivers side wall/bulkhead just behind the third row seat and the output feed line runs under the wall to the Ball-Mount installed about 16 inches away. Note that I converted the open feed line output to a PL239 chassis connector allowing me to

use RG-8 with standard PL-259 connectors. That way I have no concern for shorts or hands touching the connector while transmitting. It also allows me to easily connect an external Field Antenna when running in the field if I need to.

Long answer to a short question, hope it helps.

Best of Luck & 73,

Dave S.
W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Monday, April 11, 2011 8:51 AM
Subject: Re: [ic706] diesel

> What do you recommend for grounding straps (or what every they might be called?). I've seen (on the internet)copper strips used. I've managed to collect at various hamfests over the past couple of years, a number of tinned, braided straps with ring connectors on the ends that I thought might do the job.
>
> I want to install an IC-706MKII in my 2006 Honda CR-V, with an AH-2 or AH-4 mounted up in a cavity just aft of the left rear wheel and forward of the rear bumper, right at the feed point for an AH-2b mobile antenna system. The support attachment for the AH-2b would be to the frame just forward of the rear bumper. The antenna part would extend vertically just aft of the left rear wheel.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Friday, April 08, 2011 4:18 PM
> Subject: Re: [ic706] diesel
>
>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> BIG DAVE <m3cad@tiscali.co.uk> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the

inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18755. Factory set TX power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 03:20:10 UTC
From: Glenn Corrie
Topic: 18755  Message: 18755

My IC-706Mk2G is less than 12 months old and this situation has been with the unit since new I'm not sure if this problem is unique to myself or if others have experienced the same?

TX power output on FM for 2&70 is lower than I expected

- max setting for 2 meters is only about 30Watts

- and 20Watts for 70cm

- Measured using my Revex SWR meter

- Antenna SWR is less than 1.5:1 on both bands

- Power supply delivers 13.82v

I must admit I haven't checked the power levels on SSB.

Is this a common thing was ICOM being kind to their PA's out of the factory?

I assume the problem is easily fixed with the TX power adjustments that are readily available and published on the internet

Have experienced the same?

Regards,

Glenn Corrie
VK3GC

[Non-text portions of this message have been removed]

# 18756. Re: [ic706] Factory set TX power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 05:30:43 UTC
From: Mike Rodgers
Topic: 18755  Message: 18756

Mine was 35w on 2m. About 4yr old.
I never changed it.

Mike R

Sent from my spy ring

On Apr 12, 2011, at 10:20 PM, Glenn Corrie <glenn.corrie@nec.com.au> wrote:

> My IC-706Mk2G is less than 12 months old and this situation has been with the unit since new I'm not sure if this problem is unique to myself or if others have experienced the same?
>
> TX power output on FM for 2&70 is lower than I expected
>
> - max setting for 2 meters is only about 30Watts
>
> - and 20Watts for 70cm
>
> - Measured using my Revex SWR meter
>
> - Antenna SWR is less than 1.5:1 on both bands
>
> - Power supply delivers 13.82v
>
> I must admit I haven't checked the power levels on SSB.
>
> Is this a common thing was ICOM being kind to their PA's out of the factory?
>
> I assume the problem is easily fixed with the TX power adjustments that are readily available and published on the internet
>
> Have experienced the same?
>
> Regards,
>
> Glenn Corrie
> VK3GC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18757. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 10:48:05 UTC
From: Dave Santoro
Topic: 18732  Message: 18757

Hi Floyd,

Fancy meeting you here, didn't know you had a 706, pretty cool. We should get together and compare notes sometime, maybe at the next club meeting.

I agree in the use of ferrites and as you, I prefer the clamshell type. I used to get mine at Gateway, now closed of course. As I recently exhausted my remaining supply I have been looking for a reasonably priced supplier, might you have any suggestions'?

73,

Dave S.
W6BTS

---

----- Original Message -----
From: "Floyd Lang" <af6bc@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, April 12, 2011 5:48 PM
Subject: Re: [ic706] diesel

Hi Dave and Larry.
I just wanted to add that I have found it helpful to install clamshell ferrites to the feeds to the injectors also.
Floyd
AF6BC

--- On Mon, 4/11/11, Dave Santoro <w6bts@...> wrote:

From: Dave Santoro <w6bts@...>
Subject: Re: [ic706] diesel
To: ic706@yahoogroups.com
Date: Monday, April 11, 2011, 10:28 AM

Hi Larry,

Okay, after performing literally hundreds of vehicle/fleet installations I think if you follow the following recommendations’ you won't go wrong.

First, grounding. All exterior openings such as the doors, trunk/boot, hood/bonnet and even the fuel filler door must have at least one well attached grounding strap from the body to the item you are grounding. I attach two per door, one at the top hinge and one at the lower hinge. Two straps on the hood/bonnet, one near the left hinge and one at the right hinge. So on and so on. I also use a quality copper paste or metalized Never-Seize paste between every attachment point. This maintains a good conduction and minimizes corrosion.

Next you will need to lift the car so you can attach at least four straps. Both sides and front and rear body mains to the chassis. You should also ground the bumpers to the chassis

and then you must ground the exhaust at, at least two places. One near the joining of the exhaust header to the pipe and at least one at the exhaust tail pipe. Additionally, you should attach at least two straps to the engine. One from the area of the starter the other from the upper area near the injectors if so equipped.

To restrict high pass noise as from Cooling Fans and A/C Blowers you should attach a good quality DC Filter to the main DC feed line to your radio(s).

Lastly you should install Clamshell Ferrites at the termination points of all connections to the radio, Power, Speaker and Coax.

With these methods' I have achieved a nearly flat Signal to Noise ratio across the band. I can even work HF while driving down the road.

I installed a Kenwood 742A, an ICOM 706MkII and a Uniden 795D in my Nissan Van. the radios are all mounted under the drivers seat with the control heads mounted on the dash just in front of the A/C center vents.

I mounted my AH-4 to the rear drivers side wall/bulkhead just behind the third row seat and the output feed line runs under the wall to the Ball-Mount installed about 16 inches away. Note that I converted the open feed line output to a PL239 chassis connector allowing me to use RG-8 with standard PL-259 connectors. That way I have no concern for shorts or hands touching the connector while transmitting. It also allows me to easily connect an external Field Antenna when running in the field if I need to.

Long answer to a short question, hope it helps.

Best of Luck & 73,

Dave S.
W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Monday, April 11, 2011 8:51 AM
Subject: Re: [ic706] diesel

> What do you recommend for grounding straps (or what every they might be called?). I've seen (on the internet)copper strips used. I've managed to collect at various hamfests over the past couple of years, a number of tinned, braided straps with ring connectors on the ends that I thought might do the job.
>
> I want to install an IC-706MKII in my 2006 Honda CR-V, with an AH-2 or AH-4 mounted up in a cavity just aft of the left rear wheel and forward of the rear bumper, right at the feed point for an AH-2b mobile antenna system. The support attachment for the AH-2b would be to the frame just forward of the rear bumper. The antenna part would extend vertically just aft of the left rear wheel.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe Isabella

> To: ic706@yahoogroups.com
> Sent: Friday, April 08, 2011 4:18 PM
> Subject: Re: [ic706] diesel
>
>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> BIG DAVE <m3cad@...> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18758. RE: [ic706] Icom 706 MKIIG power up problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 13:08:35 UTC
From: bruce.clements@sympatico.ca
Topic: 18753  Message: 18758

hi.

I had a similar problem with mine..I traced it down to the relay that is beside the fuse in the pa section...there is a voltage that comes off the PLL brd that keyed that relay circuit..I found that there was electrolytic cap that is glued in free space was defective...I have also heard of ribbon cable issues... If you need a service manual I found mine on Repeaterbuilder.com under the Icom section..

hope this helps
bruce
ve3bv

To: ic706@yahoogroups.com
From: w9nfl@...
Date: Wed, 13 Apr 2011 00:06:31 +0000
Subject: [ic706] Icom 706 MKIIG power up problem

Hi,

I have an Icom 706 MKIIG that sometimes emits a repeated softer clicking sound and the radio will not power up. I'll leave it alone for a day or two and then it will power up. Other times it does one click and powers up normaly. It works fine once it is on.

It doesn't appeat to be temperture related. I changed power supplies and the radio does the same thing.

Is this a known failure mode for this radio?

Thanks for any comments,
KB

[Non-text portions of this message have been removed]

# 18759. Re: [ic706] Icom 706 MKIIG power up problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 12:30:25 UTC
From: Jack
Topic: 18753  Message: 18759

Clean the control connections and the power connectors it is seeing low voltage in the control circuit.

N6UYB
Jack E. Foster
----- Original Message -----
From: "w9nfl" <w9nfl@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, April 12, 2011 20:06
Subject: [ic706] Icom 706 MKIIG power up problem

> Hi,
>
> I have an Icom 706 MKIIG that sometimes emits a repeated softer clicking
> sound and the radio will not power up. I'll leave it alone for a day or
> two and then it will power up. Other times it does one click and powers
> up normaly. It works fine once it is on.
>
> It doesn't appeat to be temperture related. I changed power supplies and
> the radio does the same thing.
>
> Is this a known failure mode for this radio?
>
> Thanks for any comments,
> KB
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18760. Re: [ic706] Factory set TX power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 05:57:10 UTC
From: John Geiger
Topic: 18755  Message: 18760

20 watts is the rated power for 70cm.

73s John AA5JG

----- Original Message -----
From: Glenn Corrie
To: ic706@yahoogroups.com
Sent: Wednesday, April 13, 2011 3:20 AM
Subject: [ic706] Factory set TX power

My IC-706Mk2G is less than 12 months old and this situation has been with the unit since new I'm not sure if this problem is unique to myself or if others have experienced the same?

TX power output on FM for 2&70 is lower than I expected

- max setting for 2 meters is only about 30Watts

- and 20Watts for 70cm

- Measured using my Revex SWR meter

- Antenna SWR is less than 1.5:1 on both bands

- Power supply delivers 13.82v

I must admit I haven't checked the power levels on SSB.

Is this a common thing was ICOM being kind to their PA's out of the factory?

I assume the problem is easily fixed with the TX power adjustments that are readily available and published on the internet

Have experienced the same?

Regards,

Glenn Corrie
VK3GC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18761. RE: [ic706] Icom 706 MKIIG power up problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-13 18:58:31 UTC
From: Saunders, Tom
Topic: 18753  Message: 18761

Hi KB, Check the pins in the power connector. If they get spread a little too far, they may get resistive and the radio won't see the full power supply voltage, and the relay will chatter as the radio tries to turn on. A sharp pointed tool can reach inside the open end of the connector and a little pressure applied will close up the contact pins for a tighter fit. Hope that solves your problem.

Tom Saunders
Communications Technician,
City Of Seattle
Amateur Radio Station N7OEP
206-384-1604

---

From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of w9nfl [w9nfl@...]
Sent: Tuesday, April 12, 2011 5:06 PM
To: ic706@yahoogroups.com
Subject: [ic706] Icom 706 MKIIG power up problem

Hi,

I have an Icom 706 MKIIG that sometimes emits a repeated softer clicking sound and the radio will not power up. I'll leave it alone for a day or two and then it will power up. Other times it does one click and powers up normaly. It works fine once it is on.

It doesn't appeat to be temperture related. I changed power supplies and the radio does the same thing.

Is this a known failure mode for this radio?

Thanks for any comments,
KB

[Non-text portions of this message have been removed]

# 18762. RE: [ic706] Factory set TX power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-14 00:23:50 UTC
From: Glenn Corrie
Topic: 18755  Message: 18762

Yes John you are correct

I was thinking what the value should be when I typed this email, not what I'm actually achieving!

Lets try again ...

- I'm only getting 30W for 2M (should be 50W)

- 10W for 70cm (should be 20W)

FM of course!

Regards,

Glenn Corrie

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Geiger
Sent: Wednesday, 13 April 2011 3:57 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Factory set TX power

20 watts is the rated power for 70cm.

73s John AA5JG

----- Original Message -----
From: Glenn Corrie
To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
Sent: Wednesday, April 13, 2011 3:20 AM
Subject: [ic706] Factory set TX power

My IC-706Mk2G is less than 12 months old and this situation has been with the unit since new I'm not sure if this problem is unique to myself or if others have experienced the same?

TX power output on FM for 2&70 is lower than I expected

- max setting for 2 meters is only about 30Watts

- and 20Watts for 70cm

- Measured using my Revex SWR meter

- Antenna SWR is less than 1.5:1 on both bands

- Power supply delivers 13.82v

I must admit I haven't checked the power levels on SSB.

Is this a common thing was ICOM being kind to their PA's out of the factory?

I assume the problem is easily fixed with the TX power adjustments that are readily available and published on the internet

Have experienced the same?

Regards,

Glenn Corrie
VK3GC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18763. Re: [ic706] diesel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-14 03:11:12 UTC
From: Floyd Lang
Topic: 18732  Message: 18763

Check the Santee swapmeet just down the row from the clubs space on the first Saturday of the month. The Gateway guys are now San Diego Electronics in Kearny Mesa and may still have some ferrites. Take care.
Floyd AF6BC
--- On Wed, 4/13/11, Dave Santoro <w6bts@...> wrote:

From: Dave Santoro <w6bts@...>
Subject: Re: [ic706] diesel
To: ic706@...m
Date: Wednesday, April 13, 2011, 3:48 AM

Hi Floyd,

Fancy meeting you here, didn't know you had a 706, pretty cool. We should get together and compare notes sometime, maybe at the next club meeting.

I agree in the use of ferrites and as you, I prefer the clamshell type. I used to get mine at Gateway, now closed of course. As I recently exhausted my remaining supply I have been looking for a reasonably priced supplier, might you have any suggestions'?

73,

Dave S.
W6BTS
---

----- Original Message -----
From: "Floyd Lang" <af6bc@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, April 12, 2011 5:48 PM
Subject: Re: [ic706] diesel

Hi Dave and Larry.
I just wanted to add that I have found it helpful to install clamshell ferrites to the feeds to the injectors also.
Floyd
AF6BC

--- On Mon, 4/11/11, Dave Santoro <w6bts@...> wrote:

From: Dave Santoro <w6bts@...>
Subject: Re: [ic706] diesel
To: ic706@yahoogroups.com
Date: Monday, April 11, 2011, 10:28 AM

Hi Larry,

Okay, after performing literally hundreds of vehicle/fleet installations I think if you follow the following recommendations' you won't go wrong.

First, grounding. All exterior openings such as the doors, trunk/boot, hood/bonnet and even the fuel filler door must have at least one well attached grounding strap from the body to the item you are grounding. I attach two per door, one at the top hinge and one at the lower hinge. Two straps on the hood/bonnet, one near the left hinge and one at the right hinge. So on and so on. I also use a quality copper paste or metalized Never-Seize paste between every attachment point. This maintains a good conduction and minimizes corrosion.

Next you will need to lift the car so you can attach at least four straps. Both sides and front and rear body mains to the chassis. You should also ground the bumpers to the chassis and then you must ground the exhaust at, at least two places. One near the joining of the exhaust header to the pipe and at least one at the exhaust tail pipe. Additionally, you should attach at least two straps to the engine. One from the area of the starter the other from the upper area near the injectors if so equipped.

To restrict high pass noise as from Cooling Fans and A/C Blowers you should attach a good quality DC Filter to the main DC feed line to your radio(s).

Lastly you should install Clamshell Ferrites at the termination points of all connections to the radio, Power, Speaker and Coax.

With these methods' I have achieved a nearly flat Signal to Noise ratio across the band. I can even work HF while driving down the road.

I installed a Kenwood 742A, an ICOM 706MkII and a Uniden 795D in my Nissan Van. the radios are all mounted under the drivers seat with the control heads mounted on the dash just in front of the A/C center vents.

I mounted my AH-4 to the rear drivers side wall/bulkhead just behind the third row seat and the output feed line runs under the wall to the Ball-Mount installed about 16 inches away. Note that I converted the open feed line output to a PL239 chassis connector allowing me to use RG-8 with standard PL-259 connectors. That way I have no concern for shorts or hands touching the connector while transmitting. It also allows me to easily connect an external Field Antenna when running in the field if I need to.

Long answer to a short question, hope it helps.

Best of Luck & 73,

Dave S.
W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Monday, April 11, 2011 8:51 AM
Subject: Re: [ic706] diesel

> What do you recommend for grounding straps (or what every they might be called?). I've seen (on the internet)copper strips used. I've managed to collect at various hamfests over the past couple of years, a number of tinned, braided straps with ring connectors on the

ends that I thought might do the job.
>
> I want to install an IC-706MKII in my 2006 Honda CR-V, with an AH-2 or AH-4 mounted up in a cavity just aft of the left rear wheel and forward of the rear bumper, right at the feed point for an AH-2b mobile antenna system. The support attachment for the AH-2b would be to the frame just forward of the rear bumper. The antenna part would extend vertically just aft of the left rear wheel.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Friday, April 08, 2011 4:18 PM
> Subject: Re: [ic706] diesel
>
>
>
> I would ground the body, bed, tailpipe, and motor to the frame of the truck. I have a diesel Ford F250 that needed some grounding to clear up injector noise on 40m. It's still there just much more manageable...
>
> Joe, N3JI
>
> Sent from my Verizon Android Phone
>
> BIG DAVE <m3cad@...> wrote:
>
> >Hi, have just got a diesel Zafira and have fitted the 706 MK2, the fascia is on windscreen and main unit is at the rear, the antenna is fitted to the tailgate with a mount that is earthed by the screws that hold it, the coax is earthed as is the radio but the inteference is chronic, its worse that a petrol engine even on FM, if you remove antenna the noise stops completly so its not coming through power leads,
> >anyone had the same problem??.
> > Dave M3CAD
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18764. Re: [ic706] Icom 706 MKIIG power up problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-16 19:41:27 UTC
From: RAYMOND J JONES
Topic: 18753  Message: 18764

hi

you might have a bad power switch....if you cant feel it click uder your finger and then unclick it might be sticking in a closed position therefore cycling on and off untill the switch springs back out....i got tired of icoms game playing on the phone and just epoxie glued a momentary contact switchtoo the front of the radio....

raqy jones
kc9mob

[Non-text portions of this message have been removed]

# 18765. Re: [ic706] heath HD 1410 keyer with IC706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-11 21:30:11 UTC
From: Bill
Topic: 18732  Message: 18765

Hi Brock,
i downloaded the manual for the HD1410 keyer and
read it through, i removed R27 and D5 and replaced them with
wire jumpers and it now keys the Icom 706 just fine.
Many thanks for the help, much appreciated.
Bill
G4KKI

On 11/04/2011 16:23, Brock Winfrey wrote:
>
> The easy mod for a Heathkit paddle to solid state rigs is just a
> soldered jumper or something. Nothing complicated.
>
> Sincerely, Brock Winfrey
>
> --- On Mon, 4/11/11, Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>> wrote:
>
> From: Bill <g4kki.william@...
> <mailto:g4kki.william%40ntlworld.com>>
> Subject: [ic706] heath HD 1410 keyer with IC706
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Date: Monday, April 11, 2011, 8:47 AM
>
> Has anyone used or is using a Heathkit HD1410 keyer with an IC706, i
> have one here that i would like to use.
> I'm not sure what i would have to do to the keyer to get it to key up
> the rig.
> At present i am either using hte internal keyer or a pico keyer but i
> like the HD 1410 and would like to use it
> here in the shack. It keys an FT840 with no problem.
> Bill
> G4KKI
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 18766. IC-706 Detachable front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 08:11:38 UTC
From: yo4btb
Topic: 18766  Message: 18766

Good day to the group.
I am looking for a detachable front panel for IC-706(or706mk2), or only PCB(B4558G).
AF/RF/SQL,RIT/SHIFT,RIT pressbutton&led have no actions.
Flat cable from inside was replaced with new one but no changes.
Replaced with detachable front panel from IC-706mk2g, my transceiver works good, that i think my detachable front panel have some problems.
Thanks in advance for any ideas.
Best regards from Romania.
YO4BTB,Virgil

# 18767. 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 17:07:11 UTC
From: Bob N3PPH
Topic: 18767  Message: 18767

I have a MKII that I have been using on HF without problems. I was trying to help out a friend with WSPR on 2 meters to find my radio has no sensitivity. We are about 10 miles apart and he pointed his beam at me and threw 1500 watts CW, I heard him barely, no s units. I read of a problem with MKI and coils but when I opened mine up no coils were close to the power plug. Has anyone had a similar issue with the MKII and more importantly know of a fix. I have had the radio a couple of years, was already opened for all band transmit when I got it.

--
73,
Bob N3PPH

# 18768. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 20:09:42 UTC
From: Jeff Moore
Topic: 18767  Message: 18768

I could be wrong, but I suspect that you just described the problem:

A station 10 miles away pointed his beam at your station and fired a 1500 W CW signal at your antenna.

Question for you: What do you think would happen if you connected a 500 watt transmitter directly to the antenna terminal on your 706 and then fired a 500watt CW signal directly into the radio????

Did you do this before or after you had the "sensitivity" issue?

Jeff -- KE7ACY
CN94

----- Original Message ----- From: Bob N3PPH

I have a MKII that I have been using on HF without problems. I was trying to help out a friend with WSPR on 2 meters to find my radio has no sensitivity. We are about 10 miles apart and he pointed his beam at me and threw 1500 watts CW, I heard him barely, no s units. I read of a problem with MKI and coils but when I opened mine up no coils were close to the power plug. Has anyone had a similar issue with the MKII and more importantly know of a fix. I have had the radio a couple of years, was already opened for all band transmit when I got it.

--
73,
Bob N3PPH

[Non-text portions of this message have been removed]

# 18769. Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 20:33:06 UTC
From: stu_capon
Topic: 18767  Message: 18769

Can I just check you had the right coax connected to the right socket?
if you had a HF antenna connected to the VHF socket you may still be able to hear the guy, even the crosstalk from the 2M on the other socket could lead to what you experienced.

No offence intended of course I have NEVER done this, (today anyway)
Stu M0AQY

--- In ic706@yahoogroups.com, Bob N3PPH <rsheskin@...> wrote:
>
> I have a MKII that I have been using on HF without problems. I was
> trying to help out a friend with WSPR on 2 meters to find my radio has
> no sensitivity. We are about 10 miles apart and he pointed his beam at
> me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> problem with MKI and coils but when I opened mine up no coils were close
> to the power plug. Has anyone had a similar issue with the MKII and more
> importantly know of a fix. I have had the radio a couple of years, was
> already opened for all band transmit when I got it.
>
> --
> 73,
> Bob N3PPH
>

# 18770. IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 21:12:44 UTC
From: w4wrb
Topic: 18770  Message: 18770

I have an IC-706 MK II that is stuck in transmit ie as soon as turned on it is in transmit mode
Any ideas on where to start troubleshooting
Any ideas would be appreciated

Thanks
W4WRB

# 18771. Re: IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 21:27:13 UTC
From: stu_capon
Topic: 18770  Message: 18771

I'd start with some basic assumptions.
1 that you have disconnected everything (including Mic) and reseated the control head (removed the remote head cable if fitted)?

Maybe performed a reset (up-down buttons power on) beware WIPES ALL MEMORIES

then if it still does it from other post I would begin to suspect a welded relay but others will probable know if it is common.

Regards
Stu

# 18772. RE: [ic706] IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 21:27:41 UTC
From: pedroafonso2@yahoo.com
Topic: 18770  Message: 18772

Ribbon cables migh be cross talking. Try to reseat them.

[Non-text portions of this message have been removed]

# 18773. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 01:20:18 UTC
From: Ralph Mowery
Topic: 18767  Message: 18773

A station 10 miles away would have no lasting effect on the 706.

I often run 500 watts on 2 meters to a beam on a 60 foot tower with one rig and have an Icom 746 pro hooked to another antenna that is somewhat lower but only 50 feet away.

At 10 miles there is about 100 db of loss on 2 meters.  Assuming around 10 db of antenna gain that leaves 90 db of loss.  Unless I missed a few decimal places that gives around .00001 watts or less at the recieve antenna or less.

----- Original Message -----
> From: Jeff Moore <tnetcenter@...>
> To: ic706@yahoogroups.com
> Cc:
> Sent: Tuesday, April 26, 2011 4:09 PM
> Subject: Re: [ic706] 706 MKii deaf on 2 meters
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a 1500 W CW
> signal at your antenna.
>
>

# 18774. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 21:38:49 UTC
From: Bob N3PPH
Topic: 18767  Message: 18774

That was done after the fact. We were trying weak signal and I could not receive. We then went to 10 watts still nothing. He just did the blast to see if I heard anything at all. This was my fist time ever trying 2 meters with this radio.

73,
Bob N3PPH

On 4/26/2011 4:09 PM, Jeff Moore wrote:
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a
> 1500 W CW signal at your antenna.
>
> Question for you: What do you think would happen if you connected a
> 500 watt transmitter directly to the antenna terminal on your 706 and
> then fired a 500watt CW signal directly into the radio????
>
> Did you do this before or after you had the "sensitivity" issue?
>
> Jeff -- KE7ACY
> CN94
>
> ----- Original Message ----- From: Bob N3PPH
>
> I have a MKII that I have been using on HF without problems. I was
> trying to help out a friend with WSPR on 2 meters to find my radio has
> no sensitivity. We are about 10 miles apart and he pointed his beam at
> me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> problem with MKI and coils but when I opened mine up no coils were close
> to the power plug. Has anyone had a similar issue with the MKII and more
> importantly know of a fix. I have had the radio a couple of years, was
> already opened for all band transmit when I got it.
>
> --
> 73,
> Bob N3PPH
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18775. Re: [ic706] IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 00:39:59 UTC
From: Bill Engel K5DHY
Topic: 18770  Message: 18775

Not that this ever happened to me (ha ha), if you have 2 microphones plugged in you'll be stuck in transmit.

Bill K5DHY

On 4/26/2011 4:12 PM, w4wrb wrote:
> I have an IC-706 MK II that is stuck in transmit ie as soon as turned on
> it is in transmit mode
> Any ideas on where to start troubleshooting
> Any ideas would be appreciated
>
> Thanks
> W4WRB
>
>

# 18776. Re: [ic706] Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-26 21:41:07 UTC
From: Bob N3PPH
Topic: 18767  Message: 18776

I triple checked antennas, used 2 different and even consulted the
manual to make sure I was not doing something wrong. 2 meter antennas
were connected to bottom socket.

73,
Bob N3PPH

On 4/26/2011 4:33 PM, stu_capon wrote:
>
>
>
> Can I just check you had the right coax connected to the right socket?
> if you had a HF antenna connected to the VHF socket you may still be
> able to hear the guy, even the crosstalk from the 2M on the other
> socket could lead to what you experienced.
>
> No offence intended of course I have NEVER done this, (today anyway)
> Stu M0AQY
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Bob
> N3PPH <rsheskin@...> wrote:
> >
> > I have a MKII that I have been using on HF without problems. I was
> > trying to help out a friend with WSPR on 2 meters to find my radio has
> > no sensitivity. We are about 10 miles apart and he pointed his beam at
> > me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> > problem with MKI and coils but when I opened mine up no coils were
> close
> > to the power plug. Has anyone had a similar issue with the MKII and
> more
> > importantly know of a fix. I have had the radio a couple of years, was
> > already opened for all band transmit when I got it.
> >
> > --
> > 73,
> > Bob N3PPH
> >
>
>

[Non-text portions of this message have been removed]

# 18777. Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 05:54:32 UTC
From: stu_capon
Topic: 18767  Message: 18777

Another thing that occurred to me this morning, being that you rarely use 2M do you use an external low pass HF filter? To be a good neighbour I always do but did find myself listening to a completely "dead" 6M band the other day until I remembered.

The fact the rig has been opened up should not really affect the 2M sensitivity as most receive mods seem to enable the 2M pass filter where it would not normally be enabled.

The fact you could actually get something makes me think the front end is working but maybe the signal is being stopped by something else, if it was a blown front end you'd probably need hundreds of millivolts rather than a distant station no matter how loud. Still possible if it has suffered bad abuse or serious static/localised lightning hit.

If you have an antenna tuner use that as a signal source and limit the connections external to the rig to just a whip (on a mobile mount) and then see if anything at all affects it.

OK on the antennas, sorry had to ask.

# 18778. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 07:51:56 UTC
From: Barry Miller
Topic: 18767  Message: 18778

G'day Bob.

Did you try transmitting on 2 m to your friend as well? If not, confirm that the transmit side of 2 m is working. If it is not, perhaps the 2 m PLL voltage is outside the specification, taking out 2 m completely without affecting the HF side of the 706.

73,
Barry
VK3BJM

----- Original Message -----
From: Bob N3PPH
To: ic706@yahoogroups.com
Sent: Wednesday, April 27, 2011 7:38 AM
Subject: Re: [ic706] 706 MKii deaf on 2 meters

That was done after the fact. We were trying weak signal and I could not receive. We then went to 10 watts still nothing. He just did the blast to see if I heard anything at all. This was my fist time ever trying 2 meters with this radio.

73,
Bob N3PPH

On 4/26/2011 4:09 PM, Jeff Moore wrote:
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a
> 1500 W CW signal at your antenna.
>
> Question for you: What do you think would happen if you connected a
> 500 watt transmitter directly to the antenna terminal on your 706 and
> then fired a 500watt CW signal directly into the radio????
>
> Did you do this before or after you had the "sensitivity" issue?
>
> Jeff -- KE7ACY
> CN94
>
> ----- Original Message ----- From: Bob N3PPH
>
> I have a MKII that I have been using on HF without problems. I was
> trying to help out a friend with WSPR on 2 meters to find my radio has
> no sensitivity. We are about 10 miles apart and he pointed his beam at
> me and threw 1500 watts CW, I heard him barely, no s units. I read of a

> problem with MKI and coils but when I opened mine up no coils were close
> to the power plug. Has anyone had a similar issue with the MKII and more
> importantly know of a fix. I have had the radio a couple of years, was
> already opened for all band transmit when I got it.
>
> --
> 73,
> Bob N3PPH
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18779. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 13:07:01 UTC
From: Deacon Dave
Topic: 18767  Message: 18779

Don't you just love it when numbers can be used to redefine the scope of the question?

Path loss is 100% very real. The divergence, that is 1/R^2, of the radiated power per unit wavelength over the path length convinces the owner that the problem, which is very real, is somewhere else.

DD, W1MCE
Manager Strategic Product [as in missiles] Electronic Design, Textron Defense Systems, retired.

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Tuesday, April 26, 2011 9:20 PM
Subject: Re: [ic706] 706 MKii deaf on 2 meters

A station 10 miles away would have no lasting effect on the 706.

I often run 500 watts on 2 meters to a beam on a 60 foot tower with one rig and have an Icom 746 pro hooked to another antenna that is somewhat lower but only 50 feet away.

At 10 miles there is about 100 db of loss on 2 meters. Assuming around 10 db of antenna gain that leaves 90 db of loss. Unless I missed a few decimal places that gives around .00001 watts or less at the recieve antenna or less.

----- Original Message -----
> From: Jeff Moore <tnetcenter@...>
> To: ic706@yahoogroups.com
> Cc:
> Sent: Tuesday, April 26, 2011 4:09 PM
> Subject: Re: [ic706] 706 MKii deaf on 2 meters
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a 1500 W CW
> signal at your antenna.
>
>

[Non-text portions of this message have been removed]

# 18780. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 13:21:03 UTC
From: Deacon Dave
Topic: 18767  Message: 18780

I have not read the whole thread, but at 10 miles mutual antenna heights become critical to operational path length.

A 100 feet high tower has a VHF/UHF radio horizon over 'smoothed earth' of 10 miles. A 50 feet high tower has a horizon of about 7 miles. Earth scattering effects will add a few additional miles. If both stations have an effective antenna height of 30+ feet then a 10 mile path should be achievable.

Also, antenna gain is offset by coax line losses which can be significant at VHF/UHF. One hundred feet of high quality foam dielectric will have 2 to 3 dB loss in a matched system. Solid dielectric will have higher losses. And, the losses get worse when VSWR exceeds 1.5:1.

If you really want to measure the weak signal performance of your radio, use a calibrated signal generator.

DD, W1MCE

----- Original Message -----
From: Bob N3PPH
To: ic706@yahoogroups.com
Sent: Tuesday, April 26, 2011 5:38 PM
Subject: Re: [ic706] 706 MKii deaf on 2 meters

That was done after the fact. We were trying weak signal and I could not receive. We then went to 10 watts still nothing. He just did the blast to see if I heard anything at all. This was my fist time ever trying 2 meters with this radio.

73,
Bob N3PPH

On 4/26/2011 4:09 PM, Jeff Moore wrote:
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a
> 1500 W CW signal at your antenna.
>
> Question for you: What do you think would happen if you connected a
> 500 watt transmitter directly to the antenna terminal on your 706 and
> then fired a 500watt CW signal directly into the radio????
>
> Did you do this before or after you had the "sensitivity" issue?
>
> Jeff -- KE7ACY
> CN94

>
> ----- Original Message ----- From: Bob N3PPH
>
> I have a MKII that I have been using on HF without problems. I was
> trying to help out a friend with WSPR on 2 meters to find my radio has
> no sensitivity. We are about 10 miles apart and he pointed his beam at
> me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> problem with MKI and coils but when I opened mine up no coils were close
> to the power plug. Has anyone had a similar issue with the MKII and more
> importantly know of a fix. I have had the radio a couple of years, was
> already opened for all band transmit when I got it.
>
> --
> 73,
> Bob N3PPH
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18781. Re: [ic706] 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 13:04:52 UTC
From: John Geiger
Topic: 18767  Message: 18781

On the 706 original there is a small set of coils right below the power plug that cover 2m receive. If you are not careful hooking and unhooking the power cord, you can damage the coils, knocking out the sensitivity on 2m. I had a 706 with this problem. Not sure if the same design is used in the MKII or not, but it might be a place to start checking.

73s John AA5JG

----- Original Message -----
From: Barry Miller
To: ic706@yahoogroups.com
Sent: Wednesday, April 27, 2011 7:51 AM
Subject: Re: [ic706] 706 MKii deaf on 2 meters

G'day Bob.

Did you try transmitting on 2 m to your friend as well? If not, confirm that the transmit side of 2 m is working. If it is not, perhaps the 2 m PLL voltage is outside the specification, taking out 2 m completely without affecting the HF side of the 706.

73,
Barry
VK3BJM

----- Original Message -----
From: Bob N3PPH
To: ic706@yahoogroups.com
Sent: Wednesday, April 27, 2011 7:38 AM
Subject: Re: [ic706] 706 MKii deaf on 2 meters

That was done after the fact. We were trying weak signal and I could not
receive. We then went to 10 watts still nothing. He just did the blast
to see if I heard anything at all. This was my fist time ever trying 2
meters with this radio.

73,
Bob N3PPH

On 4/26/2011 4:09 PM, Jeff Moore wrote:
>
> I could be wrong, but I suspect that you just described the problem:
>
> A station 10 miles away pointed his beam at your station and fired a
> 1500 W CW signal at your antenna.
>
> Question for you: What do you think would happen if you connected a
> 500 watt transmitter directly to the antenna terminal on your 706 and
> then fired a 500watt CW signal directly into the radio????

>
> Did you do this before or after you had the "sensitivity" issue?
>
> Jeff -- KE7ACY
> CN94
>
> ----- Original Message ----- From: Bob N3PPH
>
> I have a MKII that I have been using on HF without problems. I was
> trying to help out a friend with WSPR on 2 meters to find my radio has
> no sensitivity. We are about 10 miles apart and he pointed his beam at
> me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> problem with MKI and coils but when I opened mine up no coils were close
> to the power plug. Has anyone had a similar issue with the MKII and more
> importantly know of a fix. I have had the radio a couple of years, was
> already opened for all band transmit when I got it.
>
> --
> 73,
> Bob N3PPH
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18782. Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 19:51:52 UTC
From: jb
Topic: 18767  Message: 18782

Especially if there is not VHF antenna installed..... =)

Sorry. You did say that you had only used HF to that point. Just wanted to start at the simplest issue first and you didn't mention the antenna at all and, since these thing do need a separate antenna for VHF,..... Have you checked it and its connections?

God bless
73
jb
kg6biw

--- In ic706@...m, Ralph Mowery <ku4pt@...> wrote:
>
> A station 10 miles away would have no lasting effect on the 706.
>
> I often run 500 watts on 2 meters to a beam on a 60 foot tower with one rig and have an Icom 746 pro hooked to another antenna that is somewhat lower but only 50 feet away.
>
> At 10 miles there is about 100 db of loss on 2 meters.  Assuming around 10 db of antenna gain that leaves 90 db of loss.  Unless I missed a few decimal places that gives around .00001 watts or less at the recieve antenna or less.
>
>

# 18783. Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 20:00:18 UTC
From: jb
Topic: 18767  Message: 18783

OOPS! There it is. Didn't get that far in my mail. Sorry!

It still sounds like an antenna connection issue. Do a continuity check on your coax maybe? Connectors not soldered well? Usually, though, you'd get some RX and TX would be the pits.

Trying to think of a setting that would affect the VHF and not HF.....

Anybody?.....Beuller?

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Bob N3PPH <rsheskin@...> wrote:
>
> I triple checked antennas, used 2 different and even consulted the
> manual to make sure I was not doing something wrong. 2 meter antennas
> were connected to bottom socket.
>
> 73,
> Bob N3PPH
>
>
> On 4/26/2011 4:33 PM, stu_capon wrote:
> >
> >
> >
> > Can I just check you had the right coax connected to the right socket?
> > if you had a HF antenna connected to the VHF socket you may still be
> > able to hear the guy, even the crosstalk from the 2M on the other
> > socket could lead to what you experienced.
> >
> > No offence intended of course I have NEVER done this, (today anyway)
> > Stu M0AQY
> >
> > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Bob
> > N3PPH <rsheskin@> wrote:
> > >
> > > I have a MKII that I have been using on HF without problems. I was
> > > trying to help out a friend with WSPR on 2 meters to find my radio has
> > > no sensitivity. We are about 10 miles apart and he pointed his beam at
> > > me and threw 1500 watts CW, I heard him barely, no s units. I read of a
> > > problem with MKI and coils but when I opened mine up no coils were
> > close
> > > to the power plug. Has anyone had a similar issue with the MKII and

> > more
> > > importantly know of a fix. I have had the radio a couple of years, was
> > > already opened for all band transmit when I got it.
> > >
> > > --
> > > 73,
> > > Bob N3PPH
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 18784. Re: IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 20:03:24 UTC
From: jb
Topic: 18770  Message: 18784

Or accidentally have the vox on. Not me, of course. =)

God bless
73
jb
kgbiw

--- In ic706@yahoogroups.com, Bill Engel K5DHY <k5dhy@...> wrote:
>
> Not that this ever happened to me (ha ha), if you have 2 microphones
> plugged in you'll be stuck in transmit.
>
> Bill K5DHY
>
> On 4/26/2011 4:12 PM, w4wrb wrote:
> > I have an IC-706 MK II that is stuck in transmit ie as soon as turned on
> > it is in transmit mode
> > Any ideas on where to start troubleshooting
> > Any ideas would be appreciated
> >
> > Thanks
> > W4WRB
> >
> >
>

# 18785. IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 20:46:28 UTC
From: Tony D.
Topic: 18770  Message: 18785

Be sure you dont have anything plugged into the RTTY Jack. I have a MKIIG and have my computer hooked to it...accidentally...not paying attention....I plugged into the RTTY Jack instead of the correct port {CI-V Remote Control Jack}.  Seems it was transmitting when I turned the radio on!
I hope this helps.

Have a GREAT DAY !
God Bless America
73
Tony
KF4WUI

---
From: jb <xjjb4x4@...>
To: ic706@yahoogroups.com
Sent: Wed, April 27, 2011 4:03:24 PM
Subject: [ic706] Re: IC 706 stuck in transmit

Or accidentally have the vox on. Not me, of course. =)

God bless
73
jb
kgbiw

--- In ic706@yahoogroups.com, Bill Engel K5DHY <k5dhy@...> wrote:
>
> Not that this ever happened to me (ha ha), if you have 2 microphones
> plugged in you'll be stuck in transmit.
>
> Bill K5DHY
>
> On 4/26/2011 4:12 PM, w4wrb wrote:
> > I have an IC-706 MK II that is stuck in transmit ie as soon as turned on
> > it is in transmit mode
> > Any ideas on where to start troubleshooting
> > Any ideas would be appreciated
> >
> > Thanks
> > W4WRB
> >
> >
>

[Non-text portions of this message have been removed]

# 18786. RE: [ic706] IC 706 stuck in transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 21:09:51 UTC
From: Warren, Edward F
Topic: 18770  Message: 18786

I had a similar problem with a mobile installed IC-706 MkII - but it was intermittent. The radio really wasn't transmitting - it was as if the PTT were depressed - enabling transmit. RF output would occur if you spoke into the mic on SSB or started keying on CW. Another strange anomaly was that if you tuned the rig into a band segment where amateur transmitting isn't allowed (such as 10 MHz WWV) it would drop back into receive mode.

It happened even if everything but the DC power was disconnected. No mic, key, headphones, antenna, etc. It didn't seem to make any difference whether the engine was running or not, hot vs.cold, driving or parked. Although I could rule out a number of factors, I could never cause it to occur. Being intermittent made it difficult to isolate.

Unfortunately, I don't know the solution to this problem. Perhaps someone will recognize these symptoms and give us both a tip.

73, Ed K8RD

---

On 4/26/2011 4:12 PM, w4wrb wrote:
I have an IC-706 MK II that is stuck in transmit ie as soon as turned on
it is in transmit mode
Any ideas on where to start troubleshooting
Any ideas would be appreciated

Thanks
W4WRB

# 18787. Re: [ic706] Re: 706 MKii deaf on 2 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-27 19:57:16 UTC
From: Bob N3PPH
Topic: 18767  Message: 18787

I want to thank all that replied. Stu M0AQY and I have been exchanging direct emails and think we have pinned it down to alignment of VHF coils L60 and L62. I have a close ham club and am going to see if one of the members might have the proper equipment to align the radio.

73,
Bob N3PPH

On 4/27/2011 3:51 PM, jb wrote:
>
> Especially if there is not VHF antenna installed..... =)
>
> Sorry. You did say that you had only used HF to that point. Just
> wanted to start at the simplest issue first and you didn't mention the
> antenna at all and, since these thing do need a separate antenna for
> VHF,..... Have you checked it and its connections?
>
> God bless
> 73
> jb
> kg6biw
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Ralph
> Mowery <ku4pt@...> wrote:
> >
> > A station 10 miles away would have no lasting effect on the 706.
> >
> > I often run 500 watts on 2 meters to a beam on a 60 foot tower with
> one rig and have an Icom 746 pro hooked to another antenna that is
> somewhat lower but only 50 feet away.
> >
> > At 10 miles there is about 100 db of loss on 2 meters. Assuming
> around 10 db of antenna gain that leaves 90 db of loss. Unless I
> missed a few decimal places that gives around .00001 watts or less at
> the recieve antenna or less.
> >
> >
>
>

[Non-text portions of this message have been removed]

# 18788. Hello all new to the group and I hope will be owning a IC-706 soon.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-28 02:18:45 UTC
From: Pat
Topic: 18788  Message: 18788

I have a question about LDGZ100-706interphase.pdf in the files section under autotuners. Since the Z-100 is no longer made do you think this would work with the Z-100Plus.

# 18789. Re: Hello all new to the group and I hope will be owning a IC-706 soon.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-28 12:18:04 UTC
From: Pat
Topic: 18788  Message: 18789

--- In ic706@yahoogroups.com, "Pat" <n9tbd@...> wrote:
>
> I have a question about LDGZ100-706interphase.pdf in the files section under autotuners. Since the Z-100 is no longer made do you think this would work with the Z-100Plus.
>

Never mind, found my answer when I saw the interface cables that LDG offers, so for $10 I can buy theirs of save a couple of bucks and build my own. Building it sounds like more fun.

# 18790. Re: HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 00:51:34 UTC
From: pedroafonso2
Topic: 18638  Message: 18790

Hello george. im wondering if you fix your ic-706mk2g. im having the same problem as you.
thanks
73

# 18791. ic-706mk2g problem with hf power drops intermitent to 2 watts

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 01:31:48 UTC
From: pedroafonso2
Topic: 18791  Message: 18791

When transmit on hf band after about 1 min the tx power drops to about 2 watts, in any mode any band on HF only, vhf or uhf are ok. i used different power supply, dummy load, tight screws inside and out, clean power connectors and head connectors and still the same.
Any ideas?????

Thanks

73

# 18792. Re: [ic706] Re: HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 03:11:30 UTC
From: K4GM- George
Topic: 18638  Message: 18792

I fixed my problem by readjusting one voltage but mine worked OK on HF.
My problem was on 2 meters only. Works fine now thanks to a plastic
screw driver!!

George K4GM

On 4/30/2011 00:51, pedroafonso2 wrote:
>
>
> Hello george. im wondering if you fix your ic-706mk2g. im having the
> same problem as you. thanks
> 73
>
>

[Non-text portions of this message have been removed]

# 18793. Re: HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 07:59:46 UTC
From: pedroafonso2
Topic: 18638  Message: 18793

Oh ok Thanks George. 73

# 18794. Re: HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 08:28:03 UTC
From: zl1tbg
Topic: 18638  Message: 18794

I have had exactly same problem (and temporary cure - switching to VHF and Tx then return to HF with full power) and never discovered the fix. What I did find is the RF drive going into the PA stages is the level that drops off. So its not a TxRx relay or band filter or driver/finals problem.

Ralph ZL1TBG

--- In ic706@yahoogroups.com, "cpd0929" <cpd0929@...> wrote:
>
> I have an intermittant problem with HF TX.
> It affects all HF freqeuncies, but not UHF or VHF.
> Does not seem to matter whether the radio has been on a while or not.
> HF all of a sudden will only TX very low power.
> The strange thing is to overcome this I can switch to VHF and key the radio once, then go back to HF and I get full power out on HF.
> I have tried to do a full radio reset and ther is no SWR showing on my HF dipole. Radio has never been mobile
> Any suggestions?
>
> WV4W
> George
>

# 18795. Re: HF intermittant TX problem On MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2011-04-30 08:43:19 UTC
From: pedroafonso2
Topic: 18638  Message: 18795

Thanks Ralph.

in my radio no matter what i do, the output power drops to about 2 watts on hf after a minute or even after 5 seconds, i think is heat related or a cold joint. i checked inside radio and everything seems to be ok

# 18796. Icom 706 Mark II Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-01 15:46:14 UTC
From: n2yet1
Topic: 18796  Message: 18796

Have a MarkII that has a distorted transmit audio issue. Have been told it sounds like paper crumbling. intermediate issue, when it is present it overwhelms the audio. Anybody else have this issue and know what the fix is.
Any info will be much appreciated.

Best 73,
Fred / N2YET

# 18797. New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-02 14:03:56 UTC
From: Pat
Topic: 18797  Message: 18797

I am the proud new owner of a slightly used IC-706 and would love to hear any tips or tricks about the radio. I have looked through your extensive file section and have found a few things that I am going to do right away. BTW I am also new to HF.

Thanks all,

Pat (N9TBD)

# 18798. Re: [ic706] New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-02 23:25:24 UTC
From: John Geiger
Topic: 18797  Message: 18798

Hi Pat,

They are great radios for the price. I like mine and paid around $250 for it. The first secret is to use it to get on 6 meters. That is a great band and a simple antenna on that band will give you lots of fun. Also, adding a crystal filter to it will make a big difference on CW or SSB, depending on what mode you do the most. I added the 500hz CW filter to mine, but am thinking of getting the 350hz or 250hz instead. If you do mainly SSB the FL223 1.9khz filter will help.

Do you have the original model, or the MKII or MKIIG? The latter two take 2 filters, the original only has one slot.

73s John AA5JG
----- Original Message -----
From: Pat
To: ic706@yahoogroups.com
Sent: Monday, May 02, 2011 2:03 PM
Subject: [ic706] New ic-706 owner

I am the proud new owner of a slightly used IC-706 and would love to hear any tips or tricks about the radio. I have looked through your extensive file section and have found a few things that I am going to do right away. BTW I am also new to HF.

Thanks all,

Pat (N9TBD)

[Non-text portions of this message have been removed]

# 18799. Re: [ic706] New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 09:33:06 UTC
From: Mike Rodgers
Topic: 18797  Message: 18799

And we are 2-3 days into what is usually the best month for 6m.
Mobile a 48" whip and 4" spring will usually do it.

73
Mike R

Sent from my spy ring

On May 2, 2011, at 6:25 PM, "John Geiger" <aa5jg@...> wrote:

> Hi Pat,
>
> They are great radios for the price. I like mine and paid around $250 for it. The first secret is to use it to get on 6 meters. That is a great band and a simple antenna on that band will give you lots of fun. Also, adding a crystal filter to it will make a big difference on CW or SSB, depending on what mode you do the most. I added the 500hz CW filter to mine, but am thinking of getting the 350hz or 250hz instead. If you do mainly SSB the FL223 1.9khz filter will help.
>
> Do you have the original model, or the MKII or MKIIG? The latter two take 2 filters, the original only has one slot.
>
> 73s John AA5JG
> ----- Original Message -----
> From: Pat
> To: ic706@yahoogroups.com
> Sent: Monday, May 02, 2011 2:03 PM
> Subject: [ic706] New ic-706 owner
>
> I am the proud new owner of a slightly used IC-706 and would love to hear any tips or tricks about the radio. I have looked through your extensive file section and have found a few things that I am going to do right away. BTW I am also new to HF.
>
> Thanks all,
>
> Pat (N9TBD)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18800. Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 11:47:11 UTC
From: wb8ssb
Topic: 18800  Message: 18800

Hi All,

I've got a 706 that I haven't used for a while, and when I powered it up the other day, the display was stuck on a 40 meter frequency. Looks like all the various buttons work (up/dn, mode, etc,) but the tuning dial had no effect. I did a power up down reset, and now the frequency has changed to 14.0000, with the dial still not tuning.

Has anyone else run across a problem like this?

Ken WB8SSB

# 18801. Re: [ic706] New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 14:19:26 UTC
From: Larry J. Ford
Topic: 18797  Message: 18801

10 meters when it's open is also great; a little longer antenna for mobile use than 6 meters for sure, but you can get one of those 102" CB "whip antennas," cut it down a bit and there you go.

Even Techs have USB privileges between 28.300 MHz and 28.500 MHz, and I've worked Argentina and other DX on 10 meters with a simple dipole mounted only 15 feet off the ground.

10 meters is a great way to get introduced to HF, and it convinced me to upgrade to General.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Tuesday, May 03, 2011 5:33 AM
Subject: Re: [ic706] New ic-706 owner

And we are 2-3 days into what is usually the best month for 6m.
Mobile a 48" whip and 4" spring will usually do it.

73
Mike R

Sent from my spy ring

On May 2, 2011, at 6:25 PM, "John Geiger" <aa5jg@...> wrote:

> Hi Pat,
>
> They are great radios for the price. I like mine and paid around $250 for it. The first secret is to use it to get on 6 meters. That is a great band and a simple antenna on that band will give you lots of fun. Also, adding a crystal filter to it will make a big difference on CW or SSB, depending on what mode you do the most. I added the 500hz CW filter to mine, but am thinking of getting the 350hz or 250hz instead. If you do mainly SSB the FL223 1.9khz filter will help.
>
> Do you have the original model, or the MKII or MKIIG? The latter two take 2 filters, the original only has one slot.
>
> 73s John AA5JG
> ----- Original Message -----
> From: Pat
> To: ic706@yahoogroups.com
> Sent: Monday, May 02, 2011 2:03 PM
> Subject: [ic706] New ic-706 owner

>
> I am the proud new owner of a slightly used IC-706 and would love to hear any tips or tricks about the radio. I have looked through your extensive file section and have found a few things that I am going to do right away. BTW I am also new to HF.
>
> Thanks all,
>
> Pat (N9TBD)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18802. Re: [ic706] New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 15:09:23 UTC
From: Brock Winfrey
Topic: 18797  Message: 18802

What time of day is 6 meters most active? I have the early version of the Icom 706 and love it!

Sincerely, Brock Winfrey

--- On Tue, 5/3/11, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: Re: [ic706] New ic-706 owner
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Tuesday, May 3, 2011, 5:33 AM

And we are 2-3 days into what is usually the best month for 6m.

Mobile a 48" whip and 4" spring will usually do it.

73

Mike R

Sent from my spy ring

On May 2, 2011, at 6:25 PM, "John Geiger" <aa5jg@...> wrote:

> Hi Pat,

>

> They are great radios for the price. I like mine and paid around $250 for it. The first secret is to use it to get on 6 meters. That is a great band and a simple antenna on that band will give you lots of fun. Also, adding a crystal filter to it will make a big difference on CW or SSB, depending on what mode you do the most. I added the 500hz CW filter to mine, but am thinking of getting the 350hz or 250hz instead. If you do mainly SSB the FL223 1.9khz filter will help.

>

> Do you have the original model, or the MKII or MKIIG? The latter two take 2 filters, the original only has one slot.

>

> 73s John AA5JG

> ----- Original Message -----

> From: Pat

> To: ic706@yahoogroups.com

> Sent: Monday, May 02, 2011 2:03 PM

> Subject: [ic706] New ic-706 owner

>

> I am the proud new owner of a slightly used IC-706 and would love to hear any tips or tricks about the radio. I have looked through your extensive file section and have found a few things that I am going to do right away. BTW I am also new to HF.

>

> Thanks all,

>

> Pat (N9TBD)

>

> [Non-text portions of this message have been removed]

>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18803. Fwd: Sporadic-E opening on 6m. Best estimated MUF 56 MHz above EM93

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 17:42:14 UTC
From: Mike Rodgers
Topic: 18803  Message: 18803

Can't remember about times but 6m& 2m guys use maidenhead grid square numbers and you can sign up on dx Sherlock to get email notices of openings like this one.

73
Mike R

Sent from my spy ring

Begin forwarded message:

> From: DX.Sherlock <dx.sherlock@...>
> To: <mikerodgerske5gbc@...>
> Subject: Sporadic-E opening on 6m. Best estimated MUF 56 MHz above EM93
>

> Sporadic-E opening on 6m. Best estimated MUF 56 MHz above EM93
> For details please visit http://www.vhfdx.info/spots/map.php?Frec=50&Map=NA
>
>

[Non-text portions of this message have been removed]

# 18804. Re: [ic706] Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 18:59:14 UTC
From: Mike Rodgers
Topic: 18800  Message: 18804

I don't suppose it's the lock button?

What about when you try to change a menu setting? That should tell if it's not working at all?

If that one has the removable head I'd go ahead and try cleaning the contacts with q tips and alcohol.

Good luck
Mike R

Sent from my spy ring

On May 3, 2011, at 6:47 AM, "wb8ssb" <ken_harry@...> wrote:

> Hi All,
>
> I've got a 706 that I haven't used for a while, and when I powered it up the other day, the display was stuck on a 40 meter frequency. Looks like all the various buttons work (up/dn, mode, etc,) but the tuning dial had no effect. I did a power up down reset, and now the frequency has changed to 14.0000, with the dial still not tuning.
>
> Has anyone else run across a problem like this?
>
> Ken WB8SSB
>
>

[Non-text portions of this message have been removed]

# 18805. 6m

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 18:45:36 UTC
From: Mike Rodgers
Topic: 18805  Message: 18805

I might mention also that for USB there is a call channel. 50.125 USB
50.140 is pretty popular as well.
Activity usually between those two unless it starts getting crowded. A lot of scanners are programable for these frequencies and although scanners are fm they'll make noise.

Repeaters and fm farther up the band.

73
Mike R

Sent from my spy ring

# 18806. 706 MKII operational help

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 19:05:04 UTC
From: Chris
Topic: 18806  Message: 18806

I have a 706 mkII and although I have read the manual and played with all the knobs I have no idea how best to operate it. Are there any other manuals. blogs, videos out there about how to get the best out of the radio.??

73

Chris, 2R0CRZ

# 18807. Re: [ic706] Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 16:27:34 UTC
From: Jack
Topic: 18800  Message: 18807

is it locked? look to the bottom left of the big knob is the red led on?
there is a button just to the right of it that turns it on and off.

Jack
----- Original Message -----
From: "wb8ssb" <ken_harry@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, May 03, 2011 07:47
Subject: [ic706] Dial inoperative?

> Hi All,
>
> I've got a 706 that I haven't used for a while, and when I powered it up
> the other day, the display was stuck on a 40 meter frequency. Looks like
> all the various buttons work (up/dn, mode, etc,) but the tuning dial had
> no effect. I did a power up down reset, and now the frequency has changed
> to 14.0000, with the dial still not tuning.
>
> Has anyone else run across a problem like this?
>
> Ken WB8SSB
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18808. RE: [ic706] 706 MKII operational help

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 21:37:05 UTC
From: Joe Ames W3JY
Topic: 18806  Message: 18808

I owned mine for years as a base station/portable xcvr. But it was only when I placed it into mobile operation that it suddenly made sense and I appreciated the true genius of its design and functionality.

I didn't realize the layout is designed for right-hand mobile operation. The band switch, drag adjust, tuning steps, etc are perfectly placed for that. So too are the soft menus: For example, memory names, filter and DSP are on separate "turns" using the menu button. They make a natural grouping. So too the other functions - they are all spread through the menu structure logically, according to typical use scenarios, making it very easy to select the function you need at any given moment.

The other tip is to configure memory channels according to your operating habits, otherwise you'll spend a lot of time scrolling through them all the while, your eyes are off the road.

GL!

Joe W3JY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Chris
Sent: Tuesday, May 03, 2011 3:05 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 MKII operational help

I have a 706 mkII and although I have read the manual and played with all the knobs I have no idea how best to operate it. Are there any other manuals. blogs, videos out there about how to get the best out of the radio.??

73

Chris, 2R0CRZ

[Non-text portions of this message have been removed]

# 18809. Re: [ic706] 706 MKII operational help

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 23:32:42 UTC
From: Mike Rodgers
Topic: 18806  Message: 18809

Ask away, this list is pretty quiet as opposed to the mk2g one.
You might mention which mode or hf,6,2
To narrow things down a bit.
On repeaters you have to make sure the mode is FM-T, sometimes if you bump the vfo it will knock the "t" off.
Personally on ssb, I run the mic gain and alc a little higher than recommended and get good unsolicited audio reports using a heil traveller headset. The stock and DTMF mics work well too.
I have a mk2 and mk2g. They used to be my primary rigs until Santa Clause came in December.

73
Mike R

Sent from my spy ring

On May 3, 2011, at 2:05 PM, "Chris" <2e0crz@...> wrote:

> I have a 706 mkII and although I have read the manual and played with all the knobs I have no idea how best to operate it. Are there any other manuals. blogs, videos out there about how to get the best out of the radio.??
>
> 73
>
> Chris, 2R0CRZ
>
>

[Non-text portions of this message have been removed]

# 18810. Re: New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 01:21:34 UTC
From: David Bartholomew
Topic: 18797  Message: 18810

Hello Pat,

I recommend the narrow SSB filter too, it can be a great help. One of the other filters may also be useful depending if you use CW or other modes.

The built in DSP (if your model even has it) leaves something to be desired though. Generally only the first 2-3 levels are useful; beyond that it's too distorted. However the automatic notch filter is quite nice.

I would recommend the CLRspkr DSP speaker, from West Mountain Radio. I have its predecessor that was made by another company a few years ago. This will make a lot of difference and is well worth it.

Dave AD7DB

Sent from my iPhone

# 18811. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 22:54:34 UTC
From: wb8ssb
Topic: 18800  Message: 18811

Nope, not locked (or at least the lock indicator goes on and off as I push it).

I just toggled through all the other buttons on the front panel and they all appear to function correctly.

Interesting thought on the lock button though. Perhaps somehow the lock is active all the time, even though the indicator LED is showing that it's toggling back and forth.

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> is it locked? look to the bottom left of the big knob is the red led on?
> there is a button just to the right of it that turns it on and off.
>
>
>
> Jack
> ----- Original Message -----
> From: "wb8ssb" <ken_harry@...>
> To: <ic706@yahoogroups.com>
> Sent: Tuesday, May 03, 2011 07:47
> Subject: [ic706] Dial inoperative?
>
>
> > Hi All,
> >
> > I've got a 706 that I haven't used for a while, and when I powered it up
> > the other day, the display was stuck on a 40 meter frequency. Looks like
> > all the various buttons work (up/dn, mode, etc,) but the tuning dial had
> > no effect. I did a power up down reset, and now the frequency has changed
> > to 14.0000, with the dial still not tuning.
> >
> > Has anyone else run across a problem like this?
> >
> > Ken WB8SSB
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18812. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-03 23:13:14 UTC
From: wb8ssb
Topic: 18800  Message: 18812

The lock indicator toggles on and off when I push it. No effect on the knob not functioning.

I just went through all the buttons and they all seem to work as they should.

Perhaps the lock is on all the time, even though it's indicating it's changing states??

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> is it locked? look to the bottom left of the big knob is the red led on?
> there is a button just to the right of it that turns it on and off.
>
>
>
> Jack
> ----- Original Message -----
> From: "wb8ssb" <ken_harry@...>
> To: <ic706@yahoogroups.com>
> Sent: Tuesday, May 03, 2011 07:47
> Subject: [ic706] Dial inoperative?
>
>
> > Hi All,
> >
> > I've got a 706 that I haven't used for a while, and when I powered it up
> > the other day, the display was stuck on a 40 meter frequency. Looks like
> > all the various buttons work (up/dn, mode, etc,) but the tuning dial had
> > no effect. I did a power up down reset, and now the frequency has changed
> > to 14.0000, with the dial still not tuning.
> >
> > Has anyone else run across a problem like this?
> >
> > Ken WB8SSB
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 18813. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 11:27:33 UTC
From: Mike Rodgers
Topic: 18800  Message: 18813

What about when you try to use the vfo to change a menu setting?

If that head is removable, I would try cleaning the contacts with q tips and alcohol.

73
Mike R

Sent from my spy ring

# 18814. Re: [ic706] Re: New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 14:01:14 UTC
From: Larry J. Ford
Topic: 18797  Message: 18814

Isn't the DSP in the 706 based on AF DSP technology, rather than IF DSP technology, as found in the ICOM IC-7200, and later ICOM "upper level" (7xxx series) rigs?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: David Bartholomew
To: ic706@yahoogroups.com
Sent: Tuesday, May 03, 2011 9:21 PM
Subject: [ic706] Re: New ic-706 owner

Hello Pat,

I recommend the narrow SSB filter too, it can be a great help. One of the other filters may also be useful depending if you use CW or other modes.

The built in DSP (if your model even has it) leaves something to be desired though. Generally only the first 2-3 levels are useful; beyond that it's too distorted. However the automatic notch filter is quite nice.

I would recommend the CLRspkr DSP speaker, from West Mountain Radio. I have its predecessor that was made by another company a few years ago. This will make a lot of difference and is well worth it.

Dave AD7DB

Sent from my iPhone

[Non-text portions of this message have been removed]

# 18815. Re: [ic706] Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 14:02:28 UTC
From: Larry J. Ford
Topic: 18800  Message: 18815

Have you tried a total system reset?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: wb8ssb
To: ic706@yahoogroups.com
Sent: Tuesday, May 03, 2011 7:13 PM
Subject: [ic706] Re: Dial inoperative?

The lock indicator toggles on and off when I push it. No effect on the knob not functioning.

I just went through all the buttons and they all seem to work as they should.

Perhaps the lock is on all the time, even though it's indicating it's changing states??

--- In ic706@yahoogroups.com, Jack <jack.mrfixit198@...> wrote:
>
> is it locked? look to the bottom left of the big knob is the red led on?
> there is a button just to the right of it that turns it on and off.
>
>
>
> Jack
> ----- Original Message -----
> From: "wb8ssb" <ken_harry@...>
> To: <ic706@yahoogroups.com>
> Sent: Tuesday, May 03, 2011 07:47
> Subject: [ic706] Dial inoperative?
>
>
> > Hi All,
> >
> > I've got a 706 that I haven't used for a while, and when I powered it up
> > the other day, the display was stuck on a 40 meter frequency. Looks like
> > all the various buttons work (up/dn, mode, etc,) but the tuning dial had
> > no effect. I did a power up down reset, and now the frequency has changed
> > to 14.0000, with the dial still not tuning.
> >
> > Has anyone else run across a problem like this?
> >
> > Ken WB8SSB
> >
> >
> >

> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

[Non-text portions of this message have been removed]

# 18816. Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 12:36:22 UTC
From: n2yet1
Topic: 18816  Message: 18816

Icom 706 MarkII, great shape with Original Boxes, inserts, manual, mic.... Never Mobile. Has maybe an intermitting problem with transmit audio. At times some distortion, maybe RF, maybe old power Suppler, maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal. Pics on request.
N2YET / Fred

# 18817. Re: [ic706] Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 16:35:05 UTC
From: Larry J. Ford
Topic: 18816  Message: 18817

Not mentioned, so I'm assuming not included, but does this include, or do you have, the separation kit for mobile installation?

A friend is looking for a good 706 for a mobile install.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: n2yet1
To: ic706@yahoogroups.com
Sent: Wednesday, May 04, 2011 8:36 AM
Subject: [ic706] Icom 706 MarkII 4Sale

Icom 706 MarkII, great shape with Original Boxes, inserts, manual, mic.... Never Mobile. Has maybe an intermitting problem with transmit audio. At times some distortion, maybe RF, maybe old power Suppler, maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal. Pics on request.
N2YET / Fred

[Non-text portions of this message have been removed]

# 18818. Re: [ic706] Re: New ic-706 owner

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-04 19:13:01 UTC
From: Mike Rodgers
Topic: 18797  Message: 18818

Yes the 706 dsp is audio based. Af.

Sent from my spy ring

On May 4, 2011, at 9:01 AM, "Larry J. Ford" <lford@...> wrote:

> Isn't the DSP in the 706 based on AF DSP technology, rather than IF DSP technology, as found in the ICOM IC-7200, and later ICOM "upper level" (7xxx series) rigs?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: David Bartholomew
> To: ic706@yahoogroups.com
> Sent: Tuesday, May 03, 2011 9:21 PM
> Subject: [ic706] Re: New ic-706 owner
>
> Hello Pat,
>
> I recommend the narrow SSB filter too, it can be a great help. One of the other filters may also be useful depending if you use CW or other modes.
>
> The built in DSP (if your model even has it) leaves something to be desired though. Generally only the first 2-3 levels are useful; beyond that it's too distorted. However the automatic notch filter is quite nice.
>
> I would recommend the CLRspkr DSP speaker, from West Mountain Radio. I have its predecessor that was made by another company a few years ago. This will make a lot of difference and is well worth it.
>
> Dave AD7DB
>
> Sent from my iPhone
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18819. Re: [ic706] Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 00:16:31 UTC
From: K4GM- George
Topic: 18816  Message: 18819

Have IC-706MKII for sale. I have used it mobile. It works fine and power output is within specs on all bands. Has DSP installed. Comes with microphone, power cable, separation cable, original manual, original box. Price : $575. Also have a PS-125 AC power supply for sale for $225. Both for $750. Buyer pays shipping from zip 22554 or pick up off exit 143B of I-95 in Virginia. Have several ham sticks for sale too.

George K4GM

On 5/4/2011 16:35, Larry J. Ford wrote:
>
> Not mentioned, so I'm assuming not included, but does this include, or
> do you have, the separation kit for mobile installation?
>
> A friend is looking for a good 706 for a mobile install.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: n2yet1
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Wednesday, May 04, 2011 8:36 AM
> Subject: [ic706] Icom 706 MarkII 4Sale
>
> Icom 706 MarkII, great shape with Original Boxes, inserts, manual,
> mic.... Never Mobile. Has maybe an intermitting problem with transmit
> audio. At times some distortion, maybe RF, maybe old power Suppler,
> maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal.
> Pics on request.
> N2YET / Fred
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18820. Re: [ic706] Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 01:42:49 UTC
From: Larry J. Ford
Topic: 18816  Message: 18820

Are the mobile mounting brackets included?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: K4GM- George
To: ic706@yahoogroups.com
Sent: Wednesday, May 04, 2011 8:16 PM
Subject: Re: [ic706] Icom 706 MarkII 4Sale

Have IC-706MKII for sale. I have used it mobile. It works fine and
power output is within specs on all bands. Has DSP installed. Comes
with microphone, power cable, separation cable, original manual,
original box. Price : $575. Also have a PS-125 AC power supply for
sale for $225. Both for $750. Buyer pays shipping from zip 22554 or
pick up off exit 143B of I-95 in Virginia. Have several ham sticks for
sale too.

George K4GM

On 5/4/2011 16:35, Larry J. Ford wrote:
>
> Not mentioned, so I'm assuming not included, but does this include, or
> do you have, the separation kit for mobile installation?
>
> A friend is looking for a good 706 for a mobile install.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: n2yet1
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Wednesday, May 04, 2011 8:36 AM
> Subject: [ic706] Icom 706 MarkII 4Sale
>
> Icom 706 MarkII, great shape with Original Boxes, inserts, manual,
> mic.... Never Mobile. Has maybe an intermitting problem with transmit
> audio. At times some distortion, maybe RF, maybe old power Suppler,
> maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal.
> Pics on request.
> N2YET / Fred
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18821. Re: [ic706] Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 02:23:07 UTC
From: K4GM- George
Topic: 18816  Message: 18821

I did have the mobile mounting bracket and will look for it. If I still have it I will include. Most recently I mounted the head directly on my console using double sided tape. Worked great.

George K4GM

On 5/5/2011 01:42, Larry J. Ford wrote:
>
> Are the mobile mounting brackets included?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: K4GM- George
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Wednesday, May 04, 2011 8:16 PM
> Subject: Re: [ic706] Icom 706 MarkII 4Sale
>
> Have IC-706MKII for sale. I have used it mobile. It works fine and
> power output is within specs on all bands. Has DSP installed. Comes
> with microphone, power cable, separation cable, original manual,
> original box. Price : $575. Also have a PS-125 AC power supply for
> sale for $225. Both for $750. Buyer pays shipping from zip 22554 or
> pick up off exit 143B of I-95 in Virginia. Have several ham sticks for
> sale too.
>
> George K4GM
>
> On 5/4/2011 16:35, Larry J. Ford wrote:
> >
> > Not mentioned, so I'm assuming not included, but does this include, or
> > do you have, the separation kit for mobile installation?
> >
> > A friend is looking for a good 706 for a mobile install.
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: n2yet1
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> <mailto:ic706%40yahoogroups.com>
> > Sent: Wednesday, May 04, 2011 8:36 AM
> > Subject: [ic706] Icom 706 MarkII 4Sale
> >
> > Icom 706 MarkII, great shape with Original Boxes, inserts, manual,

> > mic.... Never Mobile. Has maybe an intermitting problem with transmit
> > audio. At times some distortion, maybe RF, maybe old power Suppler,
> > maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal.
> > Pics on request.
> > N2YET / Fred
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18822. Re: [ic706] Icom 706 MarkII 4Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 02:45:37 UTC
From: Larry J. Ford
Topic: 18816  Message: 18822

Thanks. I'm forwarding to a friend who's looking for a mobile rig.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: K4GM- George
To: ic706@yahoogroups.com
Sent: Wednesday, May 04, 2011 10:23 PM
Subject: Re: [ic706] Icom 706 MarkII 4Sale

I did have the mobile mounting bracket and will look for it. If I still
have it I will include. Most recently I mounted the head directly on my
console using double sided tape. Worked great.

George K4GM

On 5/5/2011 01:42, Larry J. Ford wrote:
>
> Are the mobile mounting brackets included?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: K4GM- George
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Wednesday, May 04, 2011 8:16 PM
> Subject: Re: [ic706] Icom 706 MarkII 4Sale
>
> Have IC-706MKII for sale. I have used it mobile. It works fine and
> power output is within specs on all bands. Has DSP installed. Comes
> with microphone, power cable, separation cable, original manual,
> original box. Price : $575. Also have a PS-125 AC power supply for
> sale for $225. Both for $750. Buyer pays shipping from zip 22554 or
> pick up off exit 143B of I-95 in Virginia. Have several ham sticks for
> sale too.
>
> George K4GM
>
> On 5/4/2011 16:35, Larry J. Ford wrote:
> >
> > Not mentioned, so I'm assuming not included, but does this include, or
> > do you have, the separation kit for mobile installation?
> >
> > A friend is looking for a good 706 for a mobile install.
> >
> > Larry J. Ford

> > KG4GPJ
> > ----- Original Message -----
> > From: n2yet1
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> <mailto:ic706%40yahoogroups.com>
> > Sent: Wednesday, May 04, 2011 8:36 AM
> > Subject: [ic706] Icom 706 MarkII 4Sale
> >
> > Icom 706 MarkII, great shape with Original Boxes, inserts, manual,
> > mic.... Never Mobile. Has maybe an intermitting problem with transmit
> > audio. At times some distortion, maybe RF, maybe old power Suppler,
> > maybe needs a fix. Selling for $450 shipped to lower 48 viaPayPal.
> > Pics on request.
> > N2YET / Fred
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18823. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 11:03:06 UTC
From: wb8ssb
Topic: 18800  Message: 18823

Larry,

Is this something different that holding the up and down buttons when powering up? I've tried this a number of times with no change.

Ken

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Have you tried a total system reset?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: wb8ssb
> To: ic706@yahoogroups.com
> Sent: Tuesday, May 03, 2011 7:13 PM
> Subject: [ic706] Re: Dial inoperative?
>
>

# 18824. Re: [ic706] Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 21:23:21 UTC
From: Larry J. Ford
Topic: 18800  Message: 18824

Refresh my memory: Is that an "original" 706 or a 706MKII, or something later?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: wb8ssb
To: ic706@yahoogroups.com
Sent: Thursday, May 05, 2011 7:03 AM
Subject: [ic706] Re: Dial inoperative?

Larry,

Is this something different that holding the up and down buttons when powering up? I've tried this a number of times with no change.

Ken

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Have you tried a total system reset?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: wb8ssb
> To: ic706@yahoogroups.com
> Sent: Tuesday, May 03, 2011 7:13 PM
> Subject: [ic706] Re: Dial inoperative?
>
>

[Non-text portions of this message have been removed]

# 18825. Re: Dial inoperative? - UPDATE

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 22:47:28 UTC
From: wb8ssb
Topic: 18800  Message: 18825

Interesting enough, I hadn't tried to use the handheld mike. When I try the up and down buttons on it, I get the frequency incrementing (like the dial should be doing).

Weird.

--- In ic706@yahoogroups.com, "wb8ssb" <ken_harry@...> wrote:
>
> Hi All,
>
> I've got a 706 that I haven't used for a while, and when I powered it up the other day, the display was stuck on a 40 meter frequency. Looks like all the various buttons work (up/dn, mode, etc,) but the tuning dial had no effect. I did a power up down reset, and now the frequency has changed to 14.0000, with the dial still not tuning.
>
> Has anyone else run across a problem like this?
>
> Ken WB8SSB
>

# 18826. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-05 22:49:46 UTC
From: wb8ssb
Topic: 18800  Message: 18826

It's an original 706. According to the manual, the reset for the CPU is the power /up down press. When I do that, it defaults to 14.1000 USB, which is what the manual says should happen.

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Refresh my memory: Is that an "original" 706 or a 706MKII, or something later?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: wb8ssb
> To: ic706@yahoogroups.com
> Sent: Thursday, May 05, 2011 7:03 AM
> Subject: [ic706] Re: Dial inoperative?
>
>
>
> Larry,
>
> Is this something different that holding the up and down buttons when powering up? I've tried this a number of times with no change.
>
> Ken
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > Have you tried a total system reset?
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: wb8ssb
> > To: ic706@yahoogroups.com
> > Sent: Tuesday, May 03, 2011 7:13 PM
> > Subject: [ic706] Re: Dial inoperative?
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18827. Re: [ic706] Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-06 13:42:43 UTC
From: Dave Santoro
Topic: 18800  Message: 18827

Hi All,

Okay, I've been watching this discussion waiting for someone to recommend what should have been the obvious, I thought...

Break this down to "Inputs and Outputs". Up to now you have exhausted al of the menu/user options to resolve this issue.It seems that Harry has found that in fact the tuner is in fact still working as he is able to adjust the VFO via the microphone controls, (Input/Output). The issue is that the Main Dial is non-functional although the radio seems to be fully operational otherwise.

At this point you need to examine the internal connections of the Front Panel/Control Head Interface. As an extension of that the Front Panel may need to be opened allowing the inspection and repair of the fault.

So back to Inputs and Outputs. The input is that manual manipulation of the Main Dial. The output would be adjustment to the VFO. As we know the VFO is working the diagnosis has to be narrowed down to the connection interface and then further into the Main Panel right up to the possibility of a failure and/or a cold solder joint at the VR/POT (S1(FR)) that detects rotation of the Main Dial. However, as I recall the radio had not been used for some time and baring any possibility of specific damage from static or over voltage I would suggest that the possibility of oxidizing of the connection points be suspected. There are a small number of connectors, twist cables, ribbon cables and pressure contacts that could all be suspect. In actuality is a very doable inspection and if you take care and respect the logic of how the Front Panel disassembles you will be able to successfully open and inspect the entire unit within 30 minutes.

Again, in my opinion you have exhausted all the "easy fixes" available. You must bite the bullet, break out the hammers and get your hands dirty. It should be an easy fix once you have located the fault it's just the finding that may be daunting. Look at the connections and wires then move on to the solder joints. I'm sure you will find the fault in the Front Panel and you should be on the air in no time after that.

Best of Luck & 73,

Dave
W6BTS

---

----- Original Message -----
From: "wb8ssb" <ken_harry@...>
To: <ic706@yahoogroups.com>
Sent: Thursday, May 05, 2011 3:49 PM
Subject: [ic706] Re: Dial inoperative?

> It's an original 706. According to the manual, the reset for the CPU is the power /up down press. When I do that, it defaults to 14.1000 USB, which is what the manual says

should happen.
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>>
>> Refresh my memory: Is that an "original" 706 or a 706MKII, or something later?
>>
>> Larry J. Ford
>> KG4GPJ
>> ----- Original Message -----
>> From: wb8ssb
>> To: ic706@yahoogroups.com
>> Sent: Thursday, May 05, 2011 7:03 AM
>> Subject: [ic706] Re: Dial inoperative?
>>
>>
>>
>> Larry,
>>
>> Is this something different that holding the up and down buttons when powering up? I've tried this a number of times with no change.
>>
>> Ken
>>
>> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
>> >
>> > Have you tried a total system reset?
>> >
>> > Larry J. Ford
>> > KG4GPJ
>> > ----- Original Message -----
>> > From: wb8ssb
>> > To: ic706@yahoogroups.com
>> > Sent: Tuesday, May 03, 2011 7:13 PM
>> > Subject: [ic706] Re: Dial inoperative?
>> >
>> >
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>

[Non-text portions of this message have been removed]

# 18828. Re: Dial inoperative?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-06 18:31:05 UTC
From: wb8ssb
Topic: 18800  Message: 18828

I hear what you're saying Dave. I've got the exploded diagram for the front panel and the schematic, and am planning on opening up the front panel this weekend. I'm seeing that the dial connects to the CPU on the panel through a few gates, so don't expect it to be too difficult to find.

I was sort of hoping there would be some sort of issue that had been identified already. Reminds me of my old RCA days where I could always find something new for the engineers to ponder over :-)

Will post my results later.

73,

Ken

--- In ic706@yahoogroups.com, "Dave Santoro" <w6bts@...> wrote:
>
> Hi All,
>
> Okay, I've been watching this discussion waiting for someone to recommend what should have been the obvious, I thought...
>
> Break this down to "Inputs and Outputs". Up to now you have exhausted al of the menu/user options to resolve this issue.It seems that Harry has found that in fact the tuner is in fact still working as he is able to adjust the VFO via the microphone controls, (Input/Output). The issue is that the Main Dial is non-functional although the radio seems to be fully operational otherwise.
>
> At this point you need to examine the internal connections of the Front Panel/Control Head Interface. As an extension of that the Front Panel may need to be opened allowing the inspection and repair of the fault.
>
> So back to Inputs and Outputs. The input is that manual manipulation of the Main Dial. The output would be adjustment to the VFO. As we know the VFO is working the diagnosis has to be narrowed down to the connection interface and then further into the Main Panel right up to the possibility of a failure and/or a cold solder joint at the VR/POT (S1(FR)) that detects rotation of the Main Dial. However, as I recall the radio had not been used for some time and baring any possibility of specific damage from static or over voltage I would suggest that the possibility of oxidizing of the connection points be suspected. There are a small number of connectors, twist cables, ribbon cables and pressure contacts that could all be suspect. In actuality is a very doable inspection and if you take care and respect the logic of how the Front Panel disassembles you will be able to successfully open and inspect the entire unit within 30 minutes.
>
> Again, in my opinion you have exhausted all the "easy fixes" available. You must bite the bullet, break out the hammers and get your hands dirty. It should be an easy fix once you

have located the fault it's just the finding that may be daunting. Look at the connections and wires then move on to the solder joints. I'm sure you will find the fault in the Front Panel and you should be on the air in no time after that.
>
>
> Best of Luck & 73,
>
> Dave
> W6BTS
> _____

# 18829. 706 no HF TX but RX and vhf TX RX good

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-09 18:53:28 UTC
From: bradlington
Topic: 18829  Message: 18829

Hi
I have RX but no TX on SSB or any mode on HF , yet VHF is fine.

Any ideas on this fault .

# 18830. RE: [ic706] 706 no HF TX but RX and vhf TX RX good

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-09 21:15:42 UTC
From: bruce.clements@sympatico.ca
Topic: 18829  Message: 18830

how much current draw?? I bought a set of finals from RF parts for mine..works great

bruce ve3bv

To: ic706@yahoogroups.com
From: bradlington@yahoo.com
Date: Mon, 9 May 2011 18:53:28 +0000
Subject: [ic706] 706 no HF TX but RX and vhf TX RX good

Hi
I have RX but no TX on SSB or any mode on HF , yet VHF is fine.

Any ideas on this fault .

[Non-text portions of this message have been removed]

# 18831. MFJ-706 EmComm Box

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-12 03:10:07 UTC
From: K5JMR
Topic: 18831  Message: 18831

Can anyone tell me what size screws are used on the front cover to hold it in place. I would like to get screws with larger heads to make removal of the cover easier....Thanks/73 Mark/K5JMR

# 18832. Re: MFJ-706 EmComm Box

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-12 07:01:24 UTC
From: Jean-Jacques
Topic: 18831  Message: 18832

I suppose you mean top cover...they are M2.5 x 0.45 F90
If you get the Hex type (Allen key 1.5) they are easier to manipulate.

73 F5IJO / JJ

--- In ic706@yahoogroups.com, "K5JMR" <k5jmr@...> wrote:
>
> Can anyone tell me what size screws are used on the front cover to hold it in place. I would like to get screws with larger heads to make removal of the cover easier....Thanks/73 Mark/K5JMR
>

# 18833. Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 14:29:24 UTC
From: perryabernethy
Topic: 18833  Message: 18833

Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?

# 18834. Re: [ic706] Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 14:48:09 UTC
From: Larry J. Ford
Topic: 18833  Message: 18834

Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: perryabernethy
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 10:29 AM
Subject: [ic706] Original 706 and DTMF

Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?

[Non-text portions of this message have been removed]

# 18835. Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 15:06:52 UTC
From: perryabernethy
Topic: 18833  Message: 18835

Larry, thank you very much.
--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: perryabernethy
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 10:29 AM
> Subject: [ic706] Original 706 and DTMF
>
>
>
> Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18836. Does the 706 mk2G support 60 meter operation?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 19:37:44 UTC
From: Rick
Topic: 18836  Message: 18836

New user of 706MK2-G..Found by toggeling the up down band switch that their is no 60 meter frequencys. So is it possible to program all
5 of the authorized frequencys into 5 memory channels? Including 50 watt power level and USB mode?
73,
Rick ND4Z

# 18837. No Stereo using headphones front panel jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 19:01:21 UTC
From: Rick
Topic: 18837  Message: 18837

Trying to listen to HF with my stereo headphones pluged into the front panel PHONES jack. The sound comes out on 1 ear only. Is there a setting to produce 2 channel stereo? Or is it mono only?
TNX in advsnce for any help.
73,
Rick ND4Z New 706 MKllG owner

# 18838. Re: [ic706] Does the 706 mk2G support 60 meter operation?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:17:39 UTC
From: John Geiger
Topic: 18836  Message: 18838

You can program the USB mode into the memory channel, but not the power level. So, when going to the memory channel, either lower the power manually or use an antenna that has a 3db loss relative to a dipole.

73s John AA5JG

----- Original Message -----
From: Rick
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 7:37 PM
Subject: [ic706] Does the 706 mk2G support 60 meter operation?

New user of 706MK2-G..Found by toggeling the up down band switch that their is no 60 meter frequencys. So is it possible to program all
5 of the authorized frequencys into 5 memory channels? Including 50 watt power level and USB mode?
73,
Rick ND4Z

[Non-text portions of this message have been removed]

# 18839. RE: [ic706] No Stereo using headphones front panel jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:28:37 UTC
From: Saunders, Tom
Topic: 18837  Message: 18839

Well Rick, it will not be stereo, but I believe there is a switch on the back side of the control head that might do what you want (put audio to both ears).

N7OEP

---
From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Rick [nd4z@...]
Sent: Friday, May 13, 2011 12:01 PM
To: ic706@yahoogroups.com
Subject: [ic706] No Stereo using headphones front panel jack

Trying to listen to HF with my stereo headphones pluged into the front panel PHONES jack. The sound comes out on 1 ear only. Is there a setting to produce 2 channel stereo? Or is it mono only?
TNX in advsnce for any help.
73,
Rick ND4Z New 706 MKIIG owner

[Non-text portions of this message have been removed]

# 18840. Re: [ic706] No Stereo using headphones front panel jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:57:44 UTC
From: John Geiger
Topic: 18837  Message: 18840

Yes, changing the switch to PH will put the audio in both ears
73s John AA5JG

----- Original Message -----
From: "Saunders, Tom" <tom.saunders@...>
To: <ic706@yahoogroups.com>
Sent: Friday, May 13, 2011 9:28 PM
Subject: RE: [ic706] No Stereo using headphones front panel jack

> Well Rick, it will not be stereo, but I believe there is a switch on the
> back side of the control head that might do what you want (put audio to
> both ears).
>
> N7OEP
> _____
> From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Rick
> [nd4z@...]
> Sent: Friday, May 13, 2011 12:01 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] No Stereo using headphones front panel jack
>
>
>
> Trying to listen to HF with my stereo headphones pluged into the front
> panel PHONES jack. The sound comes out on 1 ear only. Is there a setting
> to produce 2 channel stereo? Or is it mono only?
> TNX in advsnce for any help.
> 73,
> Rick ND4Z New 706 MKllG owner
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18841. IC-706 Detachable front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 08:09:30 UTC
From: yo4btb
Topic: 18766  Message: 18841

My ic-706 have some problems as follow:
- AF,FR/SQL,RIT,SHIFT - no action
- RIT taste - Led not light,no action
- SQL - high level on VHF band
- flat cable from VR unit and PCB B4559B was replaced with new one - no changes
- detachable front panel was replaced with one of ic-706mk2g - my transceiver works normally
- ic-706mk2g with my detachable front panel not working.
After this i think that my detachable front panel is not in good condition.
Thanks in advance for any help/ideas.
Best regards.
YO4BTB,Virgil

# 18842. Re: [ic706] Does the 706 mk2G support 60 meter operation?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 14:02:23 UTC
From: Deacon Dave
Topic: 18836  Message: 18842

The 706MKiiG as delivered by the factory does NOT include the 60 meter band [5 channels].

However, the 706MKiiG can be 'opened up', using the MARS Mod, and then will support the 60 meter band. The mod is available at www.mods.dk. I have poor eyesight and 73 year old hands. I had the mod done 5 years ago by a local electronic tech who is skilled in working with SMD diodes.

The filters for the final amplifier are sufficiently wide to accommodate the 5.3 MHz frequencies when 40 meters is chosen.

As mentioned in another response, simply program the frequencies and USB into memory, select an antenna and or power level to satisfy the 50 watt requirement and have fun.

DD, W1MCE

----- Original Message -----
From: Rick
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 3:37 PM
Subject: [ic706] Does the 706 mk2G support 60 meter operation?

New user of 706MK2-G..Found by toggeling the up down band switch that their is no 60 meter frequencys. So is it possible to program all
5 of the authorized frequencys into 5 memory channels? Including 50 watt power level and USB mode?
73,
Rick ND4Z

[Non-text portions of this message have been removed]

# 18843. Re: [ic706] Does the 706 mk2G support 60 meter operation?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 14:08:39 UTC
From: Jack
Topic: 18836  Message: 18843

Rick, yes in part.
you can store the freq info in memory as I do that as well but you would
have to adjust the power out as needed.

N6UYB/4
Jack

> From: Rick
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 3:37 PM
> Subject: [ic706] Does the 706 mk2G support 60 meter operation?
>
>
>
> New user of 706MK2-G..Found by toggeling the up down band switch that
> their is no 60 meter frequencys. So is it possible to program all
> 5 of the authorized frequencys into 5 memory channels? Including 50 watt
> power level and USB mode?
> 73,
> Rick ND4Z

# 18844. Does the 706 MK2G have a "Moni Mode?"

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:46:31 UTC
From: Rick
Topic: 18844  Message: 18844

Ok Now got both cannels on my headphones working, but can't
figure out how to listen to my transmit audio using headphones
Does the 706 have a Moni or Monitor mode like many other HF rigs?
Best 73,
Rick ND4Z

New user of ic-706

# 18845. Re: [ic706] Does the 706 mk2G support 60 meter operation?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:33:13 UTC
From: Rick Hatalski
Topic: 18836  Message: 18845

Thanks for the info John. I will enter all 5 of the freq channels and put them in memory.
If I may, I would like to ask you another question.
Does the 706 have  Moni mode so one can listen to their own transmit audio with headphones?
73,
Rick ND4Z

--- On Fri, 5/13/11, John Geiger <aa5jg@fidmail.com> wrote:

From: John Geiger <aa5jg@...>
Subject: Re: [ic706] Does the 706 mk2G support 60 meter operation?
To: ic706@yahoogroups.com
Date: Friday, May 13, 2011, 9:17 PM

You can program the USB mode into the memory channel, but not the power level. So, when going to the memory channel, either lower the power manually or use an antenna that has a 3db loss relative to a dipole.

73s John AA5JG

----- Original Message -----
From: Rick
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 7:37 PM
Subject: [ic706] Does the 706 mk2G support 60 meter operation?

New user of 706MK2-G..Found by toggeling the up down band switch that their is no 60 meter frequencys. So is it possible to program all
5 of the authorized frequencys into 5 memory channels? Including 50 watt power level and USB mode?
73,
Rick ND4Z

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18846. RE: [ic706] No Stereo using headphones front panel jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-13 21:35:55 UTC
From: Rick Hatalski
Topic: 18837  Message: 18846

TNX Tom,
I removed the front panel and the switch was on Speaker, I mover it to Headphones and now have both sides of my headphones working.
Now I can't find out how to get "MONI Fuction" on to monitor my transmit audio.
Any suggestions?
73,
Rick ND4Z

--- On Fri, 5/13/11, Saunders, Tom <tom.saunders@...> wrote:

From: Saunders, Tom <tom.saunders@...>
Subject: RE: [ic706] No Stereo using headphones front panel jack
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Friday, May 13, 2011, 9:28 PM

Well Rick, it will not be stereo, but I believe there is a switch on the back side of the control head that might do what you want (put audio to both ears).

N7OEP

_____
From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Rick [nd4z@...]
Sent: Friday, May 13, 2011 12:01 PM
To: ic706@yahoogroups.com
Subject: [ic706] No Stereo using headphones front panel jack

Trying to listen to HF with my stereo headphones pluged into the front panel PHONES jack. The sound comes out on 1 ear only. Is there a setting to produce 2 channel stereo? Or is it mono only?
TNX in advsnce for any help.
73,
Rick ND4Z New 706 MKIIG owner

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18847. Re: [ic706] IC-706 Detachable front panel

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 16:51:50 UTC
From: Larry J. Ford
Topic: 18766  Message: 18847

I would question whether the control head (i.e., "detachable front panel") can be exchanged between an original 706 and a 706MKIIG without causing problems, if I understood the posting correctly.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: yo4btb
To: ic706@yahoogroups.com
Sent: Saturday, May 14, 2011 4:09 AM
Subject: [ic706] IC-706 Detachable front panel

My ic-706 have some problems as follow:
- AF,FR/SQL,RIT,SHIFT - no action
- RIT taste - Led not light,no action
- SQL - high level on VHF band
- flat cable from VR unit and PCB B4559B was replaced with new one - no changes
- detachable front panel was replaced with one of ic-706mk2g - my transceiver works normally
- ic-706mk2g with my detachable front panel not working.
After this i think that my detachable front panel is not in good condition.
Thanks in advance for any help/ideas.
Best regards.
YO4BTB,Virgil

[Non-text portions of this message have been removed]

# 18848. Re: [ic706] Does the 706 MK2G have a "Moni Mode?"

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 17:05:28 UTC
From: John Geiger
Topic: 18844  Message: 18848

No, it doesn't have a transmit monitor. I don't think any of the HF/VHF/UHF mobile style rigs do, with maybe the exception being the Icom 7000. The Yaesu FT450 does, but that is a feature rarely found in the cheaper radios.

73s John AA5JG

----- Original Message -----
From: Rick
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 9:46 PM
Subject: [ic706] Does the 706 MK2G have a "Moni Mode?"

Ok Now got both cannels on my headphones working, but can't
figure out how to listen to my transmit audio using headphones
Does the 706 have a Moni or Monitor mode like many other HF rigs?
Best 73,
Rick ND4Z

New user of ic-706

[Non-text portions of this message have been removed]

# 18849. Re: [ic706] Does the 706 MK2G have a "Moni Mode?"

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 17:13:00 UTC
From: Joe Isabella
Topic: 18844  Message: 18849

You are correct John -- none on 706 series, yes on 7000...

Joe, N3JI

---
From: John Geiger <aa5jg@...>
To: ic706@yahoogroups.com
Sent: Sat, May 14, 2011 12:05:28 PM
Subject: Re: [ic706] Does the 706 MK2G have a "Moni Mode?"

No, it doesn't have a transmit monitor. I don't think any of the HF/VHF/UHF mobile style rigs do, with maybe the exception being the Icom 7000. The Yaesu FT450 does, but that is a feature rarely found in the cheaper radios.

73s John AA5JG

----- Original Message -----
From: Rick
To: ic706@yahoogroups.com
Sent: Friday, May 13, 2011 9:46 PM
Subject: [ic706] Does the 706 MK2G have a "Moni Mode?"

Ok Now got both cannels on my headphones working, but can't
figure out how to listen to my transmit audio using headphones
Does the 706 have a Moni or Monitor mode like many other HF rigs?
Best 73,
Rick ND4Z

New user of ic-706

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18850. Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-15 06:59:22 UTC
From: gunnystungun
Topic: 18833  Message: 18850

So what is the point in using a dtmf mic on the 706? Possibly for echolink or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.

Ron KG4MLO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: perryabernethy
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 10:29 AM
> Subject: [ic706] Original 706 and DTMF
>
>
>
> Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18851. RE: [ic706] Does the 706 MK2G have a "Moni Mode?"

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-14 18:57:05 UTC
From: Troynm
Topic: 18844  Message: 18851

The Kenwood TS-480 series of radios have a TX monitor.

Tom in NM
W5GV

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Geiger
Sent: Saturday, May 14, 2011 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Does the 706 MK2G have a "Moni Mode?"

No, it doesn't have a transmit monitor. I don't think any of the HF/VHF/UHF mobile style rigs do, with maybe the exception being the Icom 7000. The Yaesu FT450 does, but that is a feature rarely found in the cheaper radios.

73s John AA5JG

# 18852. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-15 13:59:36 UTC
From: Larry J. Ford
Topic: 18833  Message: 18852

I didn't say there was a point, as I was merely answering the question posed by another list member.

However, since you questioned it, yes, I did get the DTMF mic for use with my 706 to control a local repeater which uses DTMF tones.

QSL?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 2:59 AM
Subject: [ic706] Re: Original 706 and DTMF

So what is the point in using a dtmf mic on the 706? Possibly for echolink or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.

Ron KG4MLO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: perryabernethy
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 10:29 AM
> Subject: [ic706] Original 706 and DTMF
>
>
>
> Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18853. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-15 14:12:55 UTC
From: John Geiger
Topic: 18833  Message: 18853

You could use it on an autopatch, if any of those still exist, and you are the one person alive who doesn't have a cellphone.

73s John AA5JG

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 1:59 PM
Subject: Re: [ic706] Re: Original 706 and DTMF

I didn't say there was a point, as I was merely answering the question posed by another list member.

However, since you questioned it, yes, I did get the DTMF mic for use with my 706 to control a local repeater which uses DTMF tones.

QSL?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 2:59 AM
Subject: [ic706] Re: Original 706 and DTMF

So what is the point in using a dtmf mic on the 706? Possibly for echolink or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.

Ron KG4MLO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: perryabernethy
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 10:29 AM
> Subject: [ic706] Original 706 and DTMF
>
>

>
> Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18854. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-15 14:33:15 UTC
From: Larry J. Ford
Topic: 18833  Message: 18854

Why is it that the original poster's question about whether the ICOM HM-154T mic is compatible with an original 706 and my affirmative answer seems to be attracting so much "commentary?"

Larry J. Ford
KG4GPJ

----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 10:12 AM
Subject: Re: [ic706] Re: Original 706 and DTMF

You could use it on an autopatch, if any of those still exist, and you are the one person alive who doesn't have a cellphone.

73s John AA5JG

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 1:59 PM
Subject: Re: [ic706] Re: Original 706 and DTMF

I didn't say there was a point, as I was merely answering the question posed by another list member.

However, since you questioned it, yes, I did get the DTMF mic for use with my 706 to control a local repeater which uses DTMF tones.

QSL?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Sunday, May 15, 2011 2:59 AM
Subject: [ic706] Re: Original 706 and DTMF

So what is the point in using a dtmf mic on the 706? Possibly for echolink or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.

Ron KG4MLO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>

> Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: perryabernethy
> To: ic706@yahoogroups.com
> Sent: Friday, May 13, 2011 10:29 AM
> Subject: [ic706] Original 706 and DTMF
>
>
>
> Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18855. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-15 15:16:40 UTC
From: PERRY ABERNETHY
Topic: 18833  Message: 18855

Phone patch thru local repeater

On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:

>
>
> So what is the point in using a dtmf mic on the 706? Possibly for echolink
> or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
> >
> > Yes, it is, and I have that same mic that I use with my "original (no
> Mark)" 706.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ----- Original Message -----
> > From: perryabernethy
> > To: ic706@yahoogroups.com
> > Sent: Friday, May 13, 2011 10:29 AM
> > Subject: [ic706] Original 706 and DTMF
> >
> >
> >
> > Is the HM-154T mic compatible with the original 706 radio. Can you use
> DTMF with the original 706? Or do you have to find an HM118TN?
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 18856. Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 06:09:11 UTC
From: gunnystungun
Topic: 18833  Message: 18856

AHA... So I am not the only one with no cellphone.!!
--- In ic706@yahoogroups.com, PERRY ABERNETHY <desertyachter@...> wrote:
>
> Phone patch thru local repeater
>
> On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:
>
> >
> >
> > So what is the point in using a dtmf mic on the 706? Possibly for echolink
> > or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > >
> > > Yes, it is, and I have that same mic that I use with my "original (no
> > Mark)" 706.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ----- Original Message -----
> > > From: perryabernethy
> > > To: ic706@yahoogroups.com
> > > Sent: Friday, May 13, 2011 10:29 AM
> > > Subject: [ic706] Original 706 and DTMF
> > >
> > >
> > >
> > > Is the HM-154T mic compatible with the original 706 radio. Can you use
> > DTMF with the original 706? Or do you have to find an HM118TN?
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]

>

# 18857. Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 06:03:03 UTC
From: gunnystungun
Topic: 18833  Message: 18857

That was my question, and you answered it. Thank you.

Ron KG4MLO

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> I didn't say there was a point, as I was merely answering the question posed by another list member.
>
> However, since you questioned it, yes, I did get the DTMF mic for use with my 706 to control a local repeater which uses DTMF tones.
>
> QSL?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: gunnystungun
> To: ic706@yahoogroups.com
> Sent: Sunday, May 15, 2011 2:59 AM
> Subject: [ic706] Re: Original 706 and DTMF
>
>
>
> So what is the point in using a dtmf mic on the 706? Possibly for echolink or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > Yes, it is, and I have that same mic that I use with my "original (no Mark)" 706.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ----- Original Message -----
> > From: perryabernethy
> > To: ic706@yahoogroups.com
> > Sent: Friday, May 13, 2011 10:29 AM
> > Subject: [ic706] Original 706 and DTMF
> >
> >
> >

> > Is the HM-154T mic compatible with the original 706 radio. Can you use DTMF with the original 706? Or do you have to find an HM118TN?
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18858. AH4 Tuner control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 02:51:02 UTC
From: n4eyz
Topic: 18858  Message: 18858

Planning an antenna install(home) that will require possibly 70' of control cable to the tuner. Is there a recommended wire size on the control cable? Could I use rotator control cable? It's been many years since I've fired up this rig and I've forgotten most of what I knew.

thx
wayne

# 18859. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 14:28:08 UTC
From: Larry J. Ford
Topic: 18833  Message: 18859

Even if you have a cell phone, depending upon where you live, there's no assurance it will work at all times, or will work in a time of emergency.

I live in the mountains of SW North Carolina, right on the GA/NC border. If I head east toward Asheville (about 100 miles NE of my QTH), I'll go over a mountain plateau between Hayesville, NC, and Franklin, NC, where there is NO cell phone coverage for 10 - 15 miles. However, there are several 2 meter repeaters on nearby peaks that can be hit with mobile 2 meter rigs or even HTs.

Plus, even down in the valleys there are areas where ridges and other terrain "shadow" cell phone signals from the scattered cell towers in this area (due to the relatively low population base, companies like Verizon Wireless, AT&T, etc., don't "dot" the landscape with cell towers). Cell phones won't work where the signal can't get out!

This Saturday, I and a number of hams are providing radio comms for a 100 mile bike race in this area where there rest stops can't get cell coverage.

Those folks who are "metro-centric" in geography, thinking, and commentary, fail to realize or take those facts into account.

Plus, in times of emergency, when everyone starts hitting the cell phones, it quickly overloads the circuits, from what I've read, so even metro areas may have failures in cell coverage.

Maybe the repeater groups ought to keep those autopatches in place!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 2:09 AM
Subject: [ic706] Re: Original 706 and DTMF

AHA... So I am not the only one with no cellphone.!!
--- In ic706@yahoogroups.com, PERRY ABERNETHY <desertyachter@...> wrote:
>
> Phone patch thru local repeater
>
> On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:
>
> >
> >
> > So what is the point in using a dtmf mic on the 706? Possibly for echolink
> > or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
> >

> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > >
> > > Yes, it is, and I have that same mic that I use with my "original (no
> > Mark)" 706.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ----- Original Message -----
> > > From: perryabernethy
> > > To: ic706@yahoogroups.com
> > > Sent: Friday, May 13, 2011 10:29 AM
> > > Subject: [ic706] Original 706 and DTMF
> > >
> > >
> > >
> > > Is the HM-154T mic compatible with the original 706 radio. Can you use
> > DTMF with the original 706? Or do you have to find an HM118TN?
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18860. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 14:36:48 UTC
From: Art galvz
Topic: 18833  Message: 18860

We have the same problem with cell phone coverage here in Oregon.  Many of the cell phone towers will not cover the roads to the coast,too many twists and turns thru moutains and valleys .  However the same is not true with two meters or 440 with the sites on the mountain tops,true that there are some spots that is not covered by 2 mteres,but they are fewer than on cell phones.
  Ham radio will come thru where commercial equipment fails.
Art

From: Larry J. Ford <lford@usa.net>
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 7:28 AM
Subject: Re: [ic706] Re: Original 706 and DTMF

Even if you have a cell phone, depending upon where you live, there's no assurance it will work at all times, or will work in a time of emergency.

I live in the mountains of SW North Carolina, right on the GA/NC border. If I head east toward Asheville (about 100 miles NE of my QTH), I'll go over a mountain plateau between Hayesville, NC, and Franklin, NC, where there is NO cell phone coverage for 10 - 15 miles. However, there are several 2 meter repeaters on nearby peaks that can be hit with mobile 2 meter rigs or even HTs.

Plus, even down in the valleys there are areas where ridges and other terrain "shadow" cell phone signals from the scattered cell towers in this area (due to the relatively low population base, companies like Verizon Wireless, AT&T, etc., don't "dot" the landscape with cell towers). Cell phones won't work where the signal can't get out!

This Saturday, I and a number of hams are providing radio comms for a 100 mile bike race in this area where there rest stops can't get cell coverage.

Those folks who are "metro-centric" in geography, thinking, and commentary, fail to realize or take those facts into account.

Plus, in times of emergency, when everyone starts hitting the cell phones, it quickly overloads the circuits, from what I've read, so even metro areas may have failures in cell coverage.

Maybe the repeater groups ought to keep those autopatches in place!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 2:09 AM
Subject: [ic706] Re: Original 706 and DTMF

AHA... So I am not the only one with no cellphone.!!
--- In ic706@yahoogroups.com, PERRY ABERNETHY <desertyachter@...> wrote:
>
> Phone patch thru local repeater
>
> On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:
>
> >
> >
> > So what is the point in using a dtmf mic on the 706? Possibly for echolink
> > or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > >
> > > Yes, it is, and I have that same mic that I use with my "original (no
> > Mark)" 706.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ----- Original Message -----
> > > From: perryabernethy
> > > To: ic706@yahoogroups.com
> > > Sent: Friday, May 13, 2011 10:29 AM
> > > Subject: [ic706] Original 706 and DTMF
> > >
> > >
> > >
> > > Is the HM-154T mic compatible with the original 706 radio. Can you use
> > DTMF with the original 706? Or do you have to find an HM118TN?
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18861. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 16:15:25 UTC
From: Larry J. Ford
Topic: 18833  Message: 18861

One major difference between the commercial cell phone companies and amateur radio repeaters is that the cell phone companies simply will not put a cell tower if there is not a sufficient present (or future) subscriber base to support it, regardless of whether it leaves gaps in coverage areas.

However, a group of hams will get together and decide to put a repeater on a mountain top just because they have fun doing it and want to cover a specific area.

Plus, it costs between $500,000.00 and $1 million to put up a "standard" cell tower (not one of the monopole variety), depending upon location, site costs, etc. (direct quote from a Verizon Wireless engineer, who is also a ham).

The hams can generally scrounge-up enough equipment to make one work for less than $500.00 in most cases. One of my "Elmers" had way less than that in his repeater. Of course, he "home-brewed" the controller, etc.; it wasn't "pretty," but it worked!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Art galvz
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 10:36 AM
Subject: Re: [ic706] Re: Original 706 and DTMF

We have the same problem with cell phone coverage here in Oregon. Many of the cell phone towers will not cover the roads to the coast,too many twists and turns thru moutains and valleys . However the same is not true with two meters or 440 with the sites on the mountain tops,true that there are some spots that is not covered by 2 mteres,but they are fewer than on cell phones.
Ham radio will come thru where commercial equipment fails.
Art

From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 7:28 AM
Subject: Re: [ic706] Re: Original 706 and DTMF

Even if you have a cell phone, depending upon where you live, there's no assurance it will work at all times, or will work in a time of emergency.

I live in the mountains of SW North Carolina, right on the GA/NC border. If I head east toward Asheville (about 100 miles NE of my QTH), I'll go over a mountain plateau between Hayesville, NC, and Franklin, NC, where there is NO cell phone coverage for 10 - 15 miles. However, there are several 2 meter repeaters on nearby peaks that can be hit with mobile 2 meter rigs or even HTs.

Plus, even down in the valleys there are areas where ridges and other terrain "shadow" cell phone signals from the scattered cell towers in this area (due to the relatively low population base, companies like Verizon Wireless, AT&T, etc., don't "dot" the landscape with cell towers). Cell phones won't work where the signal can't get out!

This Saturday, I and a number of hams are providing radio comms for a 100 mile bike race in this area where there rest stops can't get cell coverage.

Those folks who are "metro-centric" in geography, thinking, and commentary, fail to realize or take those facts into account.

Plus, in times of emergency, when everyone starts hitting the cell phones, it quickly overloads the circuits, from what I've read, so even metro areas may have failures in cell coverage.

Maybe the repeater groups ought to keep those autopatches in place!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: gunnystungun
To: ic706@yahoogroups.com
Sent: Monday, May 16, 2011 2:09 AM
Subject: [ic706] Re: Original 706 and DTMF

AHA... So I am not the only one with no cellphone.!!
--- In ic706@yahoogroups.com, PERRY ABERNETHY <desertyachter@...> wrote:
>
> Phone patch thru local repeater
>
> On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:
>
> >
> >
> > So what is the point in using a dtmf mic on the 706? Possibly for echolink
> > or IRLP commands. A disadvantage I can see is the $75-$100 it will cost you.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > >
> > > Yes, it is, and I have that same mic that I use with my "original (no
> > Mark)" 706.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ----- Original Message -----
> > > From: perryabernethy
> > > To: ic706@yahoogroups.com
> > > Sent: Friday, May 13, 2011 10:29 AM
> > > Subject: [ic706] Original 706 and DTMF

> > >
> > >
> > >
> > > Is the HM-154T mic compatible with the original 706 radio. Can you use
> > DTMF with the original 706? Or do you have to find an HM118TN?
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18862. Re: [ic706] Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 14:32:58 UTC
From: Jack
Topic: 18833  Message: 18862

Larry,
Hello from Raleigh

N6UYB
Jack E. Foster
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Monday, May 16, 2011 10:28
Subject: Re: [ic706] Re: Original 706 and DTMF

> Even if you have a cell phone, depending upon where you live, there's no
> assurance it will work at all times, or will work in a time of emergency.
>
> I live in the mountains of SW North Carolina, right on the GA/NC border.
> If I head east toward Asheville (about 100 miles NE of my QTH), I'll go
> over a mountain plateau between Hayesville, NC, and Franklin, NC, where
> there is NO cell phone coverage for 10 - 15 miles. However, there are
> several 2 meter repeaters on nearby peaks that can be hit with mobile 2
> meter rigs or even HTs.
>
> Plus, even down in the valleys there are areas where ridges and other
> terrain "shadow" cell phone signals from the scattered cell towers in this
> area (due to the relatively low population base, companies like Verizon
> Wireless, AT&T, etc., don't "dot" the landscape with cell towers). Cell
> phones won't work where the signal can't get out!
>
> This Saturday, I and a number of hams are providing radio comms for a 100
> mile bike race in this area where there rest stops can't get cell
> coverage.
>
> Those folks who are "metro-centric" in geography, thinking, and
> commentary, fail to realize or take those facts into account.
>
> Plus, in times of emergency, when everyone starts hitting the cell phones,
> it quickly overloads the circuits, from what I've read, so even metro
> areas may have failures in cell coverage.
>
> Maybe the repeater groups ought to keep those autopatches in place!
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: gunnystungun

> To: ic706@yahoogroups.com
> Sent: Monday, May 16, 2011 2:09 AM
> Subject: [ic706] Re: Original 706 and DTMF
>
>
>
>
> AHA... So I am not the only one with no cellphone.!!
> --- In ic706@yahoogroups.com, PERRY ABERNETHY <desertyachter@...> wrote:
> >
> > Phone patch thru local repeater
> >
> > On Sun, May 15, 2011 at 12:59 AM, gunnystungun <kg4mlo@...>wrote:
> >
> > > >
> > > >
> > > So what is the point in using a dtmf mic on the 706? Possibly for
> echolink
> > > or IRLP commands. A disadvantage I can see is the $75-$100 it will
> cost you.
> > > >
> > > Ron KG4MLO
> > > >
> > > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > > >
> > > > Yes, it is, and I have that same mic that I use with my "original
> (no
> > > Mark)" 706.
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > >
> > > > ----- Original Message -----
> > > > From: perryabernethy
> > > > To: ic706@yahoogroups.com
> > > > Sent: Friday, May 13, 2011 10:29 AM
> > > > Subject: [ic706] Original 706 and DTMF
> > > >
> > > >
> > > >
> > > > Is the HM-154T mic compatible with the original 706 radio. Can you
> use
> > > DTMF with the original 706? Or do you have to find an HM118TN?
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >

> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18863. Re: [ic706] AH4 Tuner control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-16 20:13:47 UTC
From: Bob Stuart
Topic: 18858  Message: 18863

I use 4 conductor trailer wire with the standard plugs
. I have used up to 170 ft with no problems. I have various lengths for portable use and they are all plug and go with the exception of the adapter cord I made for to plug into the radio and the pigtail I made for use at the AH4 end.....
--- On Sun, 5/15/11, n4eyz <n4eyz@...> wrote:

From: n4eyz <n4eyz@yahoo.com>
Subject: [ic706] AH4 Tuner control cable
To: ic706@...m
Date: Sunday, May 15, 2011, 10:51 PM

Planning an antenna install(home) that will require possibly 70' of control cable to the tuner. Is there a recommended wire size on the control cable? Could I use rotator control cable? It's been many years since I've fired up this rig and I've forgotten most of what I knew.

thx
wayne

[Non-text portions of this message have been removed]

# 18864. Re: Original 706 and DTMF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-17 15:19:22 UTC
From: jb
Topic: 18833  Message: 18864

Not to mention that, if you forget to make a payment, your phone company will shut you off. Most repeater owners welcome the use of their repeaters by passersby and such. They're kind of strange that way. Don't they know they are supposed to be living in the ME generation? =)

Really, one of the things that endure me to this hobby is the attitude of building up, teaching and encouraging others. A foreign concept in most of our society today. Sure hope that nature continues as younger folks take interest in the hobby.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> One major difference between the commercial cell phone companies and amateur radio repeaters is that the cell phone companies simply will not put a cell tower if there is not a sufficient present (or future) subscriber base to support it, regardless of whether it leaves gaps in coverage areas.
>
> However, a group of hams will get together and decide to put a repeater on a mountain top just because they have fun doing it and want to cover a specific area.
>
> Plus, it costs between $500,000.00 and $1 million to put up a "standard" cell tower (not one of the monopole variety), depending upon location, site costs, etc. (direct quote from a Verizon Wireless engineer, who is also a ham).
>
> The hams can generally scrounge-up enough equipment to make one work for less than $500.00 in most cases. One of my "Elmers" had way less than that in his repeater. Of course, he "home-brewed" the controller, etc.; it wasn't "pretty," but it worked!
>
> Larry J. Ford
> KG4GPJ
>

# 18865. Re: [ic706] Re: Original 706 and DTMF - End of Thread

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-17 16:12:00 UTC
From: Larry J. Ford
Topic: 18865  Message: 18865

OK, all good comments, but before the moderator steps in, we're getting far afield from the original post about whether the HM-154T DTMF mic would work with the IC-706.

Suffice to say that it does, and despite the protestations of some on this list, there may be very good reasons to have one with your 706!

Larry J. Ford
KG4GPJ

Switch to: Text-Only, Daily Digest . Unsubscribe . Terms of Use.

[Non-text portions of this message have been removed]

# 18866. Re: [ic706] Re: Original 706 and DTMF - End of Thread

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-17 18:48:02 UTC
From: Mike Rodgers
Topic: 18865  Message: 18866

One point not mentioned is the DTMF mic has a much better feel than the tiny stock mics.

73
Mike R

Sent from my spy ring

# 18867. 706 Issues.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-22 11:56:33 UTC
From: n0sya
Topic: 18867  Message: 18867

Hi group, have some trouble with a 706 original flavour and would like your input if you have seen such behaviours before.

1. At power on, no audio out is most often the case no matter what speaker is used, internal or external or headset, but not always - sometimes audio is present at turn on. If one employs the band scope, after a few minutes of relay clicking band scoping the audio returns and stays untill the next time you turn the 706 on.

2. Another issue is that there is progressively less rf out on hf as you go down in freq. At 10m full output, 20m about 50w, 80m around 10w or so. Swr into a known good 50ohm load and into an autotuner reads high or infinite on the bands where power is reduced.

If anyone has seen this kind of stuff before, please let me know what was done to remedy it.

73!

Chris

# 18868. RE: [ic706] 706 Issues.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-22 12:59:09 UTC
From: pedroafonso2@yahoo.com
Topic: 18867  Message: 18868

Swr detector circuit could be malfuntioning

[Non-text portions of this message have been removed]

# 18869. Deatchable Face Plate damage

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-21 19:13:05 UTC
From: aduhawk
Topic: 18869  Message: 18869

My 706 MKII took a 2 foot nosedive from a shelf. The landing was soft, but not soft enough to prevent the latch from breaking. Two very small pieces of black plastic broke off and basically disintegrated. As a result, the face plate slips off without pushing the latch. There is no "click" when it is put back on the radio.

Any solutions? Thanks, Tim K0PG

# 18870. Re: [ic706] Deatchable Face Plate damage

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-22 21:19:59 UTC
From: John Geiger
Topic: 18869  Message: 18870

Hi Tim,

you can order the replacement parts from Icom for a couple of bucks. They are easy to fix, they must be, because I fixed one.

73s John AA5JG

----- Original Message -----
From: aduhawk
To: ic706@yahoogroups.com
Sent: Saturday, May 21, 2011 7:13 PM
Subject: [ic706] Deatchable Face Plate damage

My 706 MKII took a 2 foot nosedive from a shelf. The landing was soft, but not soft enough to prevent the latch from breaking. Two very small pieces of black plastic broke off and basically disintegrated. As a result, the face plate slips off without pushing the latch. There is no "click" when it is put back on the radio.

Any solutions? Thanks, Tim K0PG

[Non-text portions of this message have been removed]

# 18871. RE: [ic706] Deatchable Face Plate damage

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-22 21:47:09 UTC
From: Joe Ames W3JY
Topic: 18869  Message: 18871

I'll second John's comments - one of the first "air trials" of my 706, too J

W3JY

This message sent to you by Joe Ames.

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Geiger
Sent: Sunday, May 22, 2011 5:20 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Deatchable Face Plate damage

Hi Tim,

you can order the replacement parts from Icom for a couple of bucks. They are easy to fix, they must be, because I fixed one.

73s John AA5JG

----- Original Message -----
From: aduhawk
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Saturday, May 21, 2011 7:13 PM
Subject: [ic706] Deatchable Face Plate damage

My 706 MKII took a 2 foot nosedive from a shelf. The landing was soft, but not soft enough to prevent the latch from breaking. Two very small pieces of black plastic broke off and basically disintegrated. As a result, the face plate slips off without pushing the latch. There is no "click" when it is put back on the radio.

Any solutions? Thanks, Tim K0PG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18872. Mobile Mounting Bracket

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-23 03:21:16 UTC
From: Jerry Keller (K3BZ)
Topic: 18869  Message: 18872

Looking for a mobile mounting bracket for my 706MkIIG ....not the one for the faceplate, I need the u-shaped one that mounts the body of the radio... anyone have an extra they are willing to part with? or at least the correct part number? Please contact direct at k3bz@...

thanks & 73, Jerry K3BZ

-----Original Message-----
From: aduhawk
Sent: Saturday, May 21, 2011 3:13 PM
To: ic706@yahoogroups.com
Subject: [ic706] Deatchable Face Plate damage

My 706 MKII took a 2 foot nosedive from a shelf. The landing was soft, but not soft enough to prevent the latch from breaking. Two very small pieces of black plastic broke off and basically disintegrated. As a result, the face plate slips off without pushing the latch. There is no "click" when it is put back on the radio.

Any solutions? Thanks, Tim K0PG

---

Yahoo! Groups Links

# 18873. Re: [ic706] Deatchable Face Plate damage

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-23 12:46:43 UTC
From: tj
Topic: 18869  Message: 18873

Same damage happened to mine and a buddy's, bought parts through Icom.
The parts and shipping was less then 10 bucks.

Jeff
wd4nmq

aduhawk wrote:
>
> My 706 MKII took a 2 foot nosedive from a shelf. The landing was soft,
> but not soft enough to prevent the latch from breaking. Two very small
> pieces of black plastic broke off and basically disintegrated. As a
> result, the face plate slips off without pushing the latch. There is
> no "click" when it is put back on the radio.
>
> Any solutions? Thanks, Tim K0PG
>
>

# 18874. Re: [ic706] Mobile Mounting Bracket

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-23 09:52:22 UTC
From: Stephen Davis
Topic: 18869  Message: 18874

Universal Radio sells the mobile mounting bracket for $26.95. I have been pleased with the service from Universal.

Here's a link: http://www.universal-radio.com/catalog/hamhf/3450.html
73,
Steve
KJ4FEL

---
From: Jerry Keller (K3BZ) <k3bz@...>
To: ic706@yahoogroups.com
Sent: Sun, May 22, 2011 11:21:16 PM
Subject: [ic706] Mobile Mounting Bracket

Looking for a mobile mounting bracket for my 706MkIIG ....not the one for the faceplate, I need the u-shaped one that mounts the body of the radio... anyone have an extra they are willing to part with? or at least the correct part number? Please contact direct at k3bz@...

thanks & 73, Jerry K3BZ

-

[Non-text portions of this message have been removed]

# 18875. New user here

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-24 16:40:39 UTC
From: Dave
Topic: 18875  Message: 18875

Hi all, I will be getting a 706Mk2 and have some questions about modes, interfaces and such. Any certain forums I should look in or can someone direct me to the right place? Thanks and 73! Dave

# 18876. Re: [ic706] New user here

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-24 21:24:29 UTC
From: Deacon Dave
Topic: 18875  Message: 18876

Archives ... right here.

Also, lots of info available if you need a particular question answered.

DD
----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Tuesday, May 24, 2011 12:40 PM
Subject: [ic706] New user here

Hi all, I will be getting a 706Mk2 and have some questions about modes, interfaces and such. Any certain forums I should look in or can someone direct me to the right place? Thanks and 73! Dave

[Non-text portions of this message have been removed]

# 18877. Re: [ic706] New user here

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-24 21:04:29 UTC
From: Eric Mynes
Topic: 18875  Message: 18877

Dave,

I would suggest just asking. The worse thing that could happen is not get an answer, but as long at it is on topic, ask.

73,
Eric
k8ohz
proud owner of an IC-706MKII that I use for everything CW, phone, and digital modes.

On Tue, May 24, 2011 at 12:40 PM, Dave <kb9mnm@...> wrote:

> 
> 
> Hi all, I will be getting a 706Mk2 and have some questions about modes,
> interfaces and such. Any certain forums I should look in or can someone
> direct me to the right place? Thanks and 73! Dave
> 
> 
> 

--
A wise man once said nothing.

[Non-text portions of this message have been removed]

# 18878. Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 13:11:26 UTC
From: Dave
Topic: 18878  Message: 18878

Greetings everyone! My question is, do I really need an interface to do digital with the 706? And if not, how would I go about setting it up? Thanks!

# 18879. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 14:22:54 UTC
From: Larry J. Ford
Topic: 18878  Message: 18879

What model 706 do you have, and what digital modes are you looking at?

If it's a sound card digital mode, then, yes, you will need an interface between the 706 and your PC. I also have a 7200 and it has a built-in USB port which "emulates" a sound card for PSK-31, and other sound card digital modes. All the 7200 needs is a USB cable between the rig and the PC.

However, the 706 (any model) is not so equipped and does need an interface for sound card modes.

For other, non-sound card digital modes (Packet, Pactor, etc.), you'll need a TNC with the proper cable to the rig.

I'm no expert on any of this, and just beginning to explore this modes for the 706 myself. I bought the 7200 over a year ago because it was so easy, relatively speaking, to get on the HF sound card modes.

Hope this helps.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Wednesday, May 25, 2011 9:11 AM
Subject: [ic706] Interfaces

Greetings everyone! My question is, do I really need an interface to do digital with the 706? And if not, how would I go about setting it up? Thanks!

[Non-text portions of this message have been removed]

# 18880. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 14:33:17 UTC
From: Joe Isabella
Topic: 18878  Message: 18880

For simple PSK31 type digital modes, not really. Just a couple audio cables between the rig and the PC will do. You'll have to use an attenuator in the line to drive the mic jack (possibly in both directions depending on the sound card if the RX audio overdrives it), and you can use VOX to key the radio. If you want to go with keying from a COM port (or USB serial emulator), you can build a very simple interface attach to the radio at the 13 pin DIN acc'y jack. I run that type of interface -- the plans should be in the files area of this group. Built it with junk box parts.

Joe, N3JI

---

From: Dave <kb9mnm@...>
To: ic706@yahoogroups.com
Sent: Wed, May 25, 2011 8:11:26 AM
Subject: [ic706] Interfaces

Greetings everyone! My question is, do I really need an interface to do digital with the 706? And if not, how would I go about setting it up? Thanks!

[Non-text portions of this message have been removed]

# 18881. RE: EXTERNAL: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 14:45:11 UTC
From: Lefczik, Larry D
Topic: 18878  Message: 18881

One of my favorite questions.

I have used acoustic coupling for digital AFSK digital modes with good success. That is. I have the 706 mic near the computer speaker and the computer mic near the 706 speaker. I used the 706 VOX for keying for transmit. So the answer NO, you do not NEED an electrical interface between the rig and the computer. But, beware of background noise in the shack that will go over the air if picked up by the 706 mic. Remember, you are in the "data" potion of the band where voice is not permitted. Also, you may quickly get tired of listening to the sound of AFSK after a few hours.

The computer can be directly wired to the 706 to interface the audio tones. Again the 706 VOX, when properly set, can key the 706 or you can use a footswitch or any PTT. The key here is to attenuate the audio into the 706 enough to not overdrive the 706. I use a simple potentiometer tin line, some use a fixed voltage divider resistor network. There is a risk of ground loop noise reported by some. I have not experienced that, maybe because I used a laptop. They have solved it by adding isolation transformers on the audio lines.

There is no NEED to buy a commercial interface for the digital modes, but many operators use them for convenience.

Set up with any interface is
1) back off the RF output from the 706 because of the high duty cycle to save your finals
2) start with low audio input to the 706 and increase but be sure to prevent clipping and splatter
3) adjust level to computer to prevent clipping of your sound card per the software's instructions

Enjoy,
NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dave
Sent: Wednesday, May 25, 2011 9:11 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] Interfaces

Greetings everyone! My question is, do I really need an interface to do digital with the 706? And if not, how would I go about setting it up? Thanks!

---

Yahoo! Groups Links

# 18882. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 15:59:20 UTC
From: Larry J. Ford
Topic: 18878  Message: 18882

Good stuff. Forgot about this.

What you're describing will only work for sound card modes, I believe.

I guess you could just stick a microphone up to the rig's speaker and vice versa if you wanted to be really simple for PSK-31, right?

The original poster didn't specify which digital modes. As I posted earlier, a TNC will still be needed for Packet, Pactor, or similar modes, correct?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Wednesday, May 25, 2011 10:33 AM
Subject: Re: [ic706] Interfaces

For simple PSK31 type digital modes, not really. Just a couple audio cables between the rig and the PC will do. You'll have to use an attenuator in the line to drive the mic jack (possibly in both directions depending on the sound card if the RX audio overdrives it), and you can use VOX to key the radio. If you want to go with keying from a COM port (or USB serial emulator), you can build a very simple interface attach to the radio at the 13 pin DIN acc'y jack. I run that type of interface -- the plans should be in the files area of this group. Built it with junk box parts.

Joe, N3JI

--------------------------------
From: Dave <kb9mnm@...>
To: ic706@yahoogroups.com
Sent: Wed, May 25, 2011 8:11:26 AM
Subject: [ic706] Interfaces

Greetings everyone! My question is, do I really need an interface to do digital with the 706? And if not, how would I go about setting it up? Thanks!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18883. Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 17:29:05 UTC
From: Jerry Keller (K3BZ)
Topic: 18883  Message: 18883

Looking for used / any condition MB62 mounting bracket for IC706 series. Or any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

# 18884. RE: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 19:08:32 UTC
From: Jan
Topic: 18883  Message: 18884

Hi,

<http://www.search.ebay.com/140553894320>
http://www.search.ebay.com/140553894320.

BIN is $14.95

73

Jan- LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
Jerry Keller (K3BZ)
Sent: Wednesday, May 25, 2011 7:29 PM
To: (REFLECTOR) IC706
Subject: [ic706] Want To Buy

Looking for used / any condition MB62 mounting bracket for IC706 series. Or
any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18885. RE: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 19:21:34 UTC
From: Jan
Topic: 18883  Message: 18885

Hi,

Sorry. Wrong link in the first email.

Here is the correct one:

http://search.ebay.com/140553894320

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
Jerry Keller (K3BZ)
Sent: Wednesday, May 25, 2011 7:29 PM
To: (REFLECTOR) IC706
Subject: [ic706] Want To Buy

Looking for used / any condition MB62 mounting bracket for IC706 series. Or
any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18886. Re: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 19:25:37 UTC
From: Paul Filardi
Topic: 18883  Message: 18886

I think I have one in the garage. I'll look when I get home. Give me a call this evening 610-462-9970. Paul N2CEK

Paul-N2CEK

On May 25, 2011, at 13:29, "Jerry Keller \(K3BZ\)" <k3bz@...> wrote:

> Looking for used / any condition MB62 mounting bracket for IC706 series. Or any mounting bracket that will fit 706MkIIG.... Jerry K3BZ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18887. Re: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 19:28:12 UTC
From: Larry J. Ford
Topic: 18883  Message: 18887

See http://cgi.ebay.com/NEW-ICOM-MB-62-IC-706MK2G-IC-7000-IC-703-IC-703-/270745159141?pt=LH_DefaultDomain_0&hash=item3f09ab45e5

But it's coming from Taiwan.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jerry Keller (K3BZ)
To: (REFLECTOR) IC706
Sent: Wednesday, May 25, 2011 1:29 PM
Subject: [ic706] Want To Buy

Looking for used / any condition MB62 mounting bracket for IC706 series. Or any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18888. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 22:36:26 UTC
From: Ralph Mowery
Topic: 18878  Message: 18888

I have put a laptop next to the speaker of a low band rig and copied many of the sound card modes to demonstrate that to other hams.  I would not recommend using a microphone as the input to a low band rig as mentioned you are in the digital part of the band and anything picked up by the mic other than the digital signal would not be legal.  Guess that you could use it in the other parts of the band such as where slow scan TV is used as voice is legal there.

----- Original Message -----
> From: Larry J. Ford <lford@...>
> To: ic706@yahoogroups.com
> Cc:
> Sent: Wednesday, May 25, 2011 11:59 AM
> Subject: Re: [ic706] Interfaces
>
>G ood stuff.  Forgot about this.
>
> What you're describing will only work for sound card modes, I believe.
>
> I guess you could just stick a microphone up to the rig's speaker and vice
> versa if you wanted to be really simple for PSK-31, right?
>
> The original poster didn't specify which digital modes.  As I posted
> earlier, a TNC will still be needed for Packet, Pactor, or similar modes,
> correct?
>
> Larry J.

# 18889. Re: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 00:08:58 UTC
From: Jerry Keller (K3BZ)
Topic: 18883  Message: 18889

Got it!! Many thanks, Jan.... 73, Jerry K3BZ

-----Original Message-----
From: Jan
Sent: Wednesday, May 25, 2011 3:21 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] Want To Buy

Hi,

Sorry. Wrong link in the first email.

Here is the correct one:

http://search.ebay.com/140553894320

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
Jerry Keller (K3BZ)
Sent: Wednesday, May 25, 2011 7:29 PM
To: (REFLECTOR) IC706
Subject: [ic706] Want To Buy

Looking for used / any condition MB62 mounting bracket for IC706 series. Or
any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18890. Re: [ic706] Want To Buy

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 00:09:59 UTC
From: Jerry Keller (K3BZ)
Topic: 18883  Message: 18890

Found one.... thanks, Larry... 73, Jerry K3BZ

-----Original Message-----
From: Larry J. Ford
Sent: Wednesday, May 25, 2011 3:28 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Want To Buy

See
http://cgi.ebay.com/NEW-ICOM-MB-62-IC-706MK2G-IC-7000-IC-703-IC-703-/270745159141?pt=LH_DefaultDomain_0&hash=item3f09ab45e5

But it's coming from Taiwan.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jerry Keller (K3BZ)
To: (REFLECTOR) IC706
Sent: Wednesday, May 25, 2011 1:29 PM
Subject: [ic706] Want To Buy

Looking for used / any condition MB62 mounting bracket for IC706 series.
Or any mounting bracket that will fit 706MkIIG.... Jerry K3BZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18891. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 01:35:04 UTC
From: Larry J. Ford
Topic: 18878  Message: 18891

Well, I don't do either as I use a USB connection from the laptop to my IC-7200's USB port for PSK-31 and other modes.

I was merely speculating as possible methods as others had posted to the effect that no interfaces were needed to put the 706 on digital modes.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Wednesday, May 25, 2011 6:36 PM
Subject: Re: [ic706] Interfaces

I have put a laptop next to the speaker of a low band rig and copied many of the sound card modes to demonstrate that to other hams. I would not recommend using a microphone as the input to a low band rig as mentioned you are in the digital part of the band and anything picked up by the mic other than the digital signal would not be legal. Guess that you could use it in the other parts of the band such as where slow scan TV is used as voice is legal there.

----- Original Message -----
> From: Larry J. Ford <lford@...>
> To: ic706@yahoogroups.com
> Cc:
> Sent: Wednesday, May 25, 2011 11:59 AM
> Subject: Re: [ic706] Interfaces
>
>G ood stuff. Forgot about this.
>
> What you're describing will only work for sound card modes, I believe.
>
> I guess you could just stick a microphone up to the rig's speaker and vice
> versa if you wanted to be really simple for PSK-31, right?
>
> The original poster didn't specify which digital modes. As I posted
> earlier, a TNC will still be needed for Packet, Pactor, or similar modes,
> correct?
>
> Larry J.

[Non-text portions of this message have been removed]

# 18892. 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 02:26:37 UTC
From: n4eyz
Topic: 18892  Message: 18892

I have a rx and tx problem with a mkIIG. Background noise goes up terribly just on 2m and sounds like loose ant connection. Also sounds remarkably like sitting in my truck in a hard rain downpour. Affects tx as well. Antenna is not the problem as it does it on any 2m antenna. The problem starts after the radio has been on for a few minutes and comes and goes. Temp of the radio seems to make little or no difference. No other bands affected. Anyone have any ideas? Been out of the hobby for a bit--any recommendations on best repair facility?

Wayne/n4eyz

# 18893. Re: Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-25 23:00:01 UTC
From: Dave
Topic: 18878  Message: 18893

No, as I mentioned earlier, I would not do the VOX thing.
Just wouldnt work for me.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> I have put a laptop next to the speaker of a low band rig and copied many of the sound card modes to demonstrate that to other hams.  I would not recommend using a microphone as the input to a low band rig as mentioned you are in the digital part of the band and anything picked up by the mic other than the digital signal would not be legal.  Guess that you could use it in the other parts of the band such as where slow scan TV is used as voice is legal there.
> >
> >
> > ----- Original Message -----
> > > From: Larry J. Ford <lford@...>
> > > To: ic706@yahoogroups.com
> > > Cc:
> > > Sent: Wednesday, May 25, 2011 11:59 AM
> > > Subject: Re: [ic706] Interfaces
> > > >
> > > >G ood stuff.  Forgot about this.
> > > >
> > > > What you're describing will only work for sound card modes, I believe.
> > > >
> > > > I guess you could just stick a microphone up to the rig's speaker and vice
> > > > versa if you wanted to be really simple for PSK-31, right?
> > > >
> > > > The original poster didn't specify which digital modes.  As I posted
> > > > earlier, a TNC will still be needed for Packet, Pactor, or similar modes,
> > > > correct?
> > > >
> > > > Larry J.
> >

# 18894. Re: New user here

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 05:39:36 UTC
From: Chris L
Topic: 18875  Message: 18894

G'day Dave.

I'm also a new 706 user, and can tell you a lazy (and very quick!) way to get into PSK31....

CI-V cable from eBay
http://cgi.ebay.com.au/ws/eBayISAPI.dll?ViewItem&item=120643868573

Tigertronics SignaLink USB and interface cable from DXEngineering
http://www.dxengineering.com/Parts.asp?ID=2334&PLID=277&SecID=135&DeptID=42&PartNo=TIG-SL-USB
http://www.dxengineering.com/Parts.asp?ID=2324&PLID=357&SecID=135&DeptID=42&PartNo=TIG-SL-CAB13I

HamRadioDeluxe (V4) controls the Icom (and it's free!)
http://www.ham-radio-deluxe.com/

DigitalMaster 780 (DM780) from within HRD
http://www.ham-radio-deluxe.com/Programs/DigitalMaster780.aspx

Absolute total time from delivery to first completed DX PSK31 QSO (including setting up macros) was less than an hour.

HTH,
Chris
VK5SA

--- In ic706@yahoogroups.com, "Dave" <kb9mnm@...> wrote:
>
> Hi all, I will be getting a 706Mk2 and have some questions about modes, interfaces and such. Any certain forums I should look in or can someone direct me to the right place? Thanks and 73! Dave
>

# 18895. Re: [ic706] Re: Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 13:48:20 UTC
From: Larry J. Ford
Topic: 18878  Message: 18895

Nor would I. I don't have to with the 7200, and I wouldn't with the 706.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Wednesday, May 25, 2011 7:00 PM
Subject: [ic706] Re: Interfaces

No, as I mentioned earlier, I would not do the VOX thing.
Just wouldnt work for me.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> I have put a laptop next to the speaker of a low band rig and copied many of the sound card modes to demonstrate that to other hams. I would not recommend using a microphone as the input to a low band rig as mentioned you are in the digital part of the band and anything picked up by the mic other than the digital signal would not be legal. Guess that you could use it in the other parts of the band such as where slow scan TV is used as voice is legal there.
> >
> >
> > ----- Original Message -----
> > > From: Larry J. Ford <lford@...>
> > > To: ic706@yahoogroups.com
> > > Cc:
> > > Sent: Wednesday, May 25, 2011 11:59 AM
> > > Subject: Re: [ic706] Interfaces
> > >
> > >G ood stuff. Forgot about this.
> > >
> > > What you're describing will only work for sound card modes, I believe.
> > >
> > > I guess you could just stick a microphone up to the rig's speaker and vice
> > > versa if you wanted to be really simple for PSK-31, right?
> > >
> > > The original poster didn't specify which digital modes. As I posted
> > > earlier, a TNC will still be needed for Packet, Pactor, or similar modes,
> > > correct?
> > >
> > > Larry J.
> >

[Non-text portions of this message have been removed]

# 18896. Re: [ic706] Re: Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 14:11:58 UTC
From: Mark Grybos
Topic: 18878  Message: 18896

I use the Signalink USB for my 706 and just love it.....Works like a charm Mark N3DHE
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Thursday, May 26, 2011 9:48 AM
Subject: Re: [ic706] Re: Interfaces

Nor would I. I don't have to with the 7200, and I wouldn't with the 706.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Wednesday, May 25, 2011 7:00 PM
Subject: [ic706] Re: Interfaces

No, as I mentioned earlier, I would not do the VOX thing.
Just wouldnt work for me.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> I have put a laptop next to the speaker of a low band rig and copied many of the sound card modes to demonstrate that to other hams. I would not recommend using a microphone as the input to a low band rig as mentioned you are in the digital part of the band and anything picked up by the mic other than the digital signal would not be legal. Guess that you could use it in the other parts of the band such as where slow scan TV is used as voice is legal there.
> >
> >
> > ----- Original Message -----
> > > From: Larry J. Ford <lford@...>
> > > To: ic706@yahoogroups.com
> > > Cc:
> > > Sent: Wednesday, May 25, 2011 11:59 AM
> > > Subject: Re: [ic706] Interfaces
> > > >
> > > >G ood stuff. Forgot about this.
> > > >
> > > > What you're describing will only work for sound card modes, I believe.
> > > >
> > > > I guess you could just stick a microphone up to the rig's speaker and vice
> > > > versa if you wanted to be really simple for PSK-31, right?
> > > >
> > > > The original poster didn't specify which digital modes. As I posted

> > earlier, a TNC will still be needed for Packet, Pactor, or similar modes,
> > correct?
> >
> > Larry J.
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18897. Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 19:40:51 UTC
From: John Geiger
Topic: 18897  Message: 18897

I have an Icom 706 original I picked up a couple of months ago. Yesterday while taking it mobile I realized how dirty the knobs are on it. Usually it sits in the semi-dark shack and I don't notice such things. There is some sort of hardened gunk in the grooves on the volume and RIT knobs. Not the end of the world but would like to clean it up, if possible. What is the best cleaner to use on plastic knobs such as this?'

73s John AA5JG

[Non-text portions of this message have been removed]

# 18898. Re: [ic706] Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 20:20:38 UTC
From: Art galvz
Topic: 18897  Message: 18898

Hi John and others,
  First remove the knobs from the radio.  I remove them one by one,and when done with it, replace it ..one by one.
then I take a small container such as a "Glad" or "Zip Lock " and about a tea spoon of dish soap,and put that into the container with water about half full, out the knob into that and let it soak for about ten minutes or so,and then I get an old tooth brush that I keep in my desk drawer ,and brush the "gunk" out of the grooves.   Dry it off ,and do the next one.
The tooth brush should be a soft bristle one.
It's fun to see what others use for the same solution to  similar problems.
Art
ka7gtp

---
From: John Geiger <aa5jg@...>
To: ic706@...m; ICOM Reflector <icom@...>
Sent: Thursday, May 26, 2011 12:40 PM
Subject: [ic706] Cleaning up faceplate knobs

I have an Icom 706 original I picked up a couple of months ago. Yesterday
while taking it mobile I realized how dirty the knobs are on it. Usually it
sits in the semi-dark shack and I don't notice such things. There is some
sort of hardened gunk in the grooves on the volume and RIT knobs. Not the
end of the world but would like to clean it up, if possible. What is the
best cleaner to use on plastic knobs such as this?'

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18899. Re: [ic706] Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 20:25:23 UTC
From: Teton Amateur Radio Repeater Association
Topic: 18897  Message: 18899

I have a small ultrasonic cleaner that I use.

Mick - W7CAT

----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com, ICOM Reflector
Sent: Thursday, May 26, 2011 01:40:51 PM
Subject: [ic706] Cleaning up faceplate knobs

> I have an Icom 706 original I picked up a couple of months ago.
Yesterday
> while taking it mobile I realized how dirty the knobs are on it.
Usually it
> sits in the semi-dark shack and I don't notice such things. There is
some
> sort of hardened gunk in the grooves on the volume and RIT knobs. Not
the
> end of the world but would like to clean it up, if possible. What is the
> best cleaner to use on plastic knobs such as this?'
>
> 73s John AA5JG
>
>

[Non-text portions of this message have been removed]

# 18900. Re: Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 20:10:16 UTC
From: Dave
Topic: 18897  Message: 18900

The knobs should be removable, and I would use mild soap and a toothbrush. Thats what I have used in the past for other "projects". I use Dawn because it is a grease cutter.

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> I have an Icom 706 original I picked up a couple of months ago. Yesterday
> while taking it mobile I realized how dirty the knobs are on it. Usually it
> sits in the semi-dark shack and I don't notice such things. There is some
> sort of hardened gunk in the grooves on the volume and RIT knobs. Not the
> end of the world but would like to clean it up, if possible. What is the
> best cleaner to use on plastic knobs such as this?'
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>

# 18901. Re: [ic706] 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 03:41:08 UTC
From: Rick Santina
Topic: 18892  Message: 18901

Are you sure it is not the antenna connection, coax, mount? Remember that the entire antenna system needs to be good. Are the symptoms the same with and without the engine running?
What about 70cm (common connection)?

Rick

Sent from my phone. Sorry about the spelling.
On May 25, 2011 10:40 PM, "n4eyz" <n4eyz@...> wrote:
> I have a rx and tx problem with a mkIIG. Background noise goes up
> terribly just on 2m and sounds like loose ant connection. Also sounds remarkably like sitting in my truck in a hard rain downpour. Affects tx as
> well. Antenna is not the problem as it does it on any 2m antenna. The
> problem starts after the radio has been on for a few minutes and comes
> and goes. Temp of the radio seems to make little or no difference.
> No other bands affected. Anyone have any ideas? Been out of the hobby for a bit--any recommendations on best repair facility?
>
> Wayne/n4eyz
>

[Non-text portions of this message have been removed]

# 18902. Re: [ic706] Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 03:33:22 UTC
From: Rick Santina
Topic: 18897  Message: 18902

I use Away LOC. Soak for 10-15 min. Toothbrush. Rinse. Dry.
Be careful with degreasers - they can damage some finishes (especially laquer).

Let things soak. Time is better than abrasive or harsh chemicals.

Rick

Sent from my phone. Sorry about the spelling.
On May 26, 2011 12:41 PM, "John Geiger" <aa5jg@...> wrote:
> I have an Icom 706 original I picked up a couple of months ago. Yesterday
> while taking it mobile I realized how dirty the knobs are on it. Usually
it
> sits in the semi-dark shack and I don't notice such things. There is some
> sort of hardened gunk in the grooves on the volume and RIT knobs. Not the
> end of the world but would like to clean it up, if possible. What is the
> best cleaner to use on plastic knobs such as this?'
>
> 73s John AA5JG
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18903. Re: Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-26 21:33:35 UTC
From: Dave
Topic: 18897  Message: 18903

Dont know if my last post took or not, but I take the knobs off, use dawn detergent and a toothbrush in warm water. Works well for me.

--- In ic706@yahoogroups.com, Teton Amateur Radio Repeater Association <tarra@...> wrote:
>
> I have a small ultrasonic cleaner that I use.
>
> Mick - W7CAT
>
> ----- Original Message -----
> From: John Geiger
> To: ic706@...m, ICOM Reflector
> Sent: Thursday, May 26, 2011 01:40:51 PM
> Subject: [ic706] Cleaning up faceplate knobs
>
> > I have an Icom 706 original I picked up a couple of months ago.
> Yesterday
> > while taking it mobile I realized how dirty the knobs are on it.
> Usually it
> > sits in the semi-dark shack and I don't notice such things. There is
> some
> > sort of hardened gunk in the grooves on the volume and RIT knobs. Not
> the
> > end of the world but would like to clean it up, if possible. What is the
> > best cleaner to use on plastic knobs such as this?'
> >
> > 73s John AA5JG
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18904. Re: [ic706] Re: Cleaning up faceplate knobs

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 04:29:52 UTC
From: Mark Grybos
Topic: 18897  Message: 18904

I like simple green really works well and not harsh
----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Thursday, May 26, 2011 5:33 PM
Subject: [ic706] Re: Cleaning up faceplate knobs

Dont know if my last post took or not, but I take the knobs off, use dawn detergent and a toothbrush in warm water. Works well for me.

--- In ic706@yahoogroups.com, Teton Amateur Radio Repeater Association <tarra@...> wrote:
>
> I have a small ultrasonic cleaner that I use.
>
> Mick - W7CAT
>
> ----- Original Message -----
> From: John Geiger
> To: ic706@yahoogroups.com, ICOM Reflector
> Sent: Thursday, May 26, 2011 01:40:51 PM
> Subject: [ic706] Cleaning up faceplate knobs
>
> > I have an Icom 706 original I picked up a couple of months ago.
> Yesterday
> > while taking it mobile I realized how dirty the knobs are on it.
> Usually it
> > sits in the semi-dark shack and I don't notice such things. There is
> some
> > sort of hardened gunk in the grooves on the volume and RIT knobs. Not
> the
> > end of the world but would like to clean it up, if possible. What is the
> > best cleaner to use on plastic knobs such as this?'
> >
> > 73s John AA5JG
> >
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 18905. Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 13:10:39 UTC
From: Dave Wright
Topic: 18878  Message: 18905

Greetings,

No, I didn't specify which modes because I wanted to explore all options. My plan for the station is a 20m dipole, no tuner and QRP until I can get a 20+ amp PS. Im also working towards a tuner. I have very limited funds, and am wanting to do this with little or no expense what so ever. If I can run a line(both input and output) from the laptop to the 706Mk2 directly, that would be awesome. If not, then I will have to explore my options a little more, and possibly back burner this till next year.

I have heard of the VOX thing(mic to the computer speaker,etc), but don't think I would be lucky enough(no background noises) to get away with that.

I really do appreciate everyone's input and opinions on this matter. I welcome all ideas!

73!

Dave Wright KB9MNM

[Non-text portions of this message have been removed]

# 18906. Orginal 706 missing data jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 16:52:34 UTC
From: w5kav
Topic: 18906  Message: 18906

I received orginal 706 in a trade, it is missing the Data jack, anyone know if this can be added or am I out of luck here. I run a SCS modem on my other 706MKIIG and works well, got this radio thinking I could use it as a backup, but I found no data jack was in the radio even thought there is a place for it with a plug cover the hole where it goes.

73 Chuck W5KAV

# 18907. Re: 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 17:26:24 UTC
From: n4eyz
Topic: 18892  Message: 18907

--- In ic706@yahoogroups.com, "n4eyz" <n4eyz@...> wrote:
>
> I have a rx and tx problem with a mkIIG. Background noise goes up
> terribly just on 2m and sounds like loose ant connection. Also sounds remarkably like sitting in my truck in a hard rain downpour. Affects tx as
> well. Antenna is not the problem as it does it on any 2m antenna. The
> problem starts after the radio has been on for a few minutes and comes
> and goes. Temp of the radio seems to make little or no difference.
> No other bands affected. Anyone have any ideas? Been out of the hobby for a bit--any recommendations on best repair facility?
>
> Wayne/n4eyz
>

No only 2m is affected and follows the rig from truck to base install. Other 2m rigs on same ant are fine.

# 18908. Re: [ic706] Orginal 706 missing data jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 19:20:08 UTC
From: Joe Isabella
Topic: 18906  Message: 18908

The original 706 never had the small data jack. It was added in later versions.

Joe, N3JI

Sent from my Verizon Wireless Phone

w5kav <bigbob1846@yahoo.com> wrote:

>I received orginal 706 in a trade, it is missing the Data jack, anyone
>know if this can be added or am I out of luck here. I run a SCS modem
>on my other 706MKIIG and works well, got this radio thinking I could
>use it as a backup, but I found no data jack was in the radio even
>thought there is a place for it with a plug cover the hole where it
>goes.
>
>73 Chuck W5KAV
>

# 18909. Re: Orginal 706 missing data jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-28 22:44:17 UTC
From: w5kav
Topic: 18906  Message: 18909

TNX Joe,

I wonder if ICOM can add it, will have to call them on Tuesday and
ask, only live about 90 miles away so driving up won't be to bad
and shipping it not to high if they can add it at to much of a
cost.

AGN TNX
73 Chuck W5KAV

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> The original 706 never had the small data jack. It was added in later versions.
>
> Joe, N3JI
>
> Sent from my Verizon Wireless Phone
>
> w5kav <bigbob1846@...> wrote:
>
> >I received orginal 706 in a trade, it is missing the Data jack, anyone
> >know if this can be added or am I out of luck here. I run a SCS modem
> >on my other 706MKIIG and works well, got this radio thinking I could
> >use it as a backup, but I found no data jack was in the radio even
> >thought there is a place for it with a plug cover the hole where it
> >goes.
> >
> >73 Chuck W5KAV
> >
>

# 18910. Re: Orginal 706 missing data jack

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-30 09:31:10 UTC
From: kav246
Topic: 18906  Message: 18910

Is there any good reason why you can't use the 13 pin Accs socket?

I don't think it has discriminator out put (which I suppose you might need for high speed data) but everything else from the data jack is on there including including Tx/Rx switching and Audio In/Out!

There is also a splitter available if you have dual uses for the socket.

Regards

Kav

# 18911. RE: EXTERNAL: Re: [ic706] Interfaces

Yahoo group: ic706 (2010 — 2015)
Date: 2011-05-31 14:33:10 UTC
From: Lefczik, Larry D
Topic: 18878  Message: 18911

If you interface to the 706 via the FRONT mic connector directly from the computer, you can use the VOX to trigger transmit of the 706.

When I say directly, I would like to remind you that you probably will need attenuation of some sort into the mic input since it is hard to bring many computers audio out levels down to mic level audio. A simple potentiometer with the wiper on the 706 side should work fine. Since the mic line has 8VDC on it, you should also add a DC blocking capacitor (~0.01 to 0.1 uF) between the mic connector and the potentiometer to protect the 706 from shorting the DC to ground and to protect the computer sound card.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Dave Wright
Sent: Saturday, May 28, 2011 9:11 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] Interfaces

Greetings,

No, I didn't specify which modes because I wanted to explore all options. My plan for the station is a 20m dipole, no tuner and QRP until I can get a 20+ amp PS. Im also working towards a tuner. I have very limited funds, and am wanting to do this with little or no expense what so ever. If I can run a line(both input and output) from the laptop to the 706Mk2 directly, that would be awesome. If not, then I will have to explore my options a little more, and possibly back burner this till next year.

I have heard of the VOX thing(mic to the computer speaker,etc), but don't think I would be lucky enough(no background noises) to get away with that.

I really do appreciate everyone's input and opinions on this matter. I welcome all ideas!

73!

Dave Wright KB9MNM

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 18912. Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-04 23:51:19 UTC
From: n0sya
Topic: 18912  Message: 18912

Hi folks, just wanted to know if there was a hidden service menu like the newer 706s and 7000 where you short the civ jack and then turn it on with some buttons pressed? Any info appreciated.

Chris

# 18913. Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-05 14:52:30 UTC
From: dajetzi
Topic: 18912  Message: 18913

Hi Chris,
yes there is a hidden menu.

Enter adjustment set mode:
1 Turn power OFF.
2 Terminate the [REMOTE] jack with a 3.5(d) mm mini-plug.
3 While pushing [P.AMP/ATT] and [TUNE/CALL], turn power ON.

Needless to say. Don't change any settings, unless you know what you're doing.

73´s
Sigi

--- In ic706@yahoogroups.com, "n0sya" <n0sya@...> wrote:
>
> Hi folks, just wanted to know if there was a hidden service menu like the newer 706s and 7000 where you short the civ jack and then turn it on with some buttons pressed? Any info appreciated.
>
> Chris
>

# 18914. Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-06 10:48:52 UTC
From: gunnystungun
Topic: 18912  Message: 18914

What do you mean by terminate ?? Shorted or open circuit ??
I have the plug, but no zero ohm resistor !!

--- In ic706@yahoogroups.com, "dajetzi" <da_kaeptn@...> wrote:
>
>
>
> Hi Chris,
> yes there is a hidden menu.
>
> Enter adjustment set mode:
> 1 Turn power OFF.
> 2 Terminate the [REMOTE] jack with a 3.5(d) mm mini-plug.
> 3 While pushing [P.AMP/ATT] and [TUNE/CALL], turn power ON.
>
> Needless to say. Don't change any settings, unless you know what you're doing.
>
> 73´s
> Sigi
>
>
> --- In ic706@yahoogroups.com, "n0sya" <n0sya@> wrote:
> >
> > Hi folks, just wanted to know if there was a hidden service menu like the newer 706s and 7000 where you short the civ jack and then turn it on with some buttons pressed? Any info appreciated.
> >
> > Chris
> >
>

# 18915. Re: [ic706] Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-06 13:27:44 UTC
From: Mark Brueggemann
Topic: 18912  Message: 18915

--- On Mon, 6/6/11, gunnystungun <kg4mlo@...> wrote:

> What do you mean by terminate ??  Shorted or open circuit ??
> I have the plug, but no zero ohm resistor !!

Are you SURE you want to be mucking around in the service menu if
getting into it is this much of a challenge for you?

Mark K5LXP
Albuquerque, NM

# 18916. Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-06 14:48:43 UTC
From: n0sya
Topic: 18912  Message: 18916

Hi Sigi and the group, thanks and yes that worked nicely in getting to the occult service menu. I had a mono 1/8th plug and shorted it together and hit the two buttons whilst powering on and presto, there's the secret menus! I was disapointed in the lack of adjustments, nowhere near as many as the mk2/mk2g and 7k, but it did allow for "calibrating the filter" and setting the s0 level via a 50 ohm load. The rest I did not fool with as they take a bit more test gear than I have on hand.

After "calibration" the 706 had reduced apparent xtal filter passband asymmetry, well worth the time/cost and effort. I had replaced the stock FL-30 2.4KHz wide ssb filter with an FL-70 2.8KHz wide filter, much more to my liking with its widey goodness, and a better shape factor to boot.

The FL-30 as installed was symmetrical from usb to lsb whereas the FL-70 was not, so wondered if there was a way around that mildly unpleasant artifact. Found that the newer 706s (and the 703 and many other Icoms) had a service routine that apparently aligns the 1st IF filtering with the 2nd IF filter and wondered if that would help in my case with an original recipe 706 and my issue: the much dreaded, highly agonised over xtal ssb filter asymmetry. Oh, the agony of asymmetry! Anyway, this dramatic mystery has been resolved thanks to the 706 group. Again, Thanks!

More on this topic:
http://groups.yahoo.com/group/ic706/messages/5823?threaded=1&m=e&var=1&tidx=1

Chris

# 18917. Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-07 05:25:59 UTC
From: gunnystungun
Topic: 18912  Message: 18917

What do you mean by "MUCKING AROUND" ?? I did not realize I was challenged. I just have a shortage of zero ohmers.

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Mon, 6/6/11, gunnystungun <kg4mlo@...> wrote:
>
> > What do you mean by terminate ??  Shorted or open circuit ??
> > I have the plug, but no zero ohm resistor !!
>
> Are you SURE you want to be mucking around in the service menu if
> getting into it is this much of a challenge for you?
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 18918. Re: [ic706] Re: Original 706 hidden service menu question.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-09 08:23:46 UTC
From: Jack
Topic: 18912  Message: 18918

Mod edit.

I'm letting this one go as I agree with Jack about the risk of ruining the radio. Please don't let the thread degenerate into personal attacks and bitching.

Paul
List Owner.

---

Gunny,

zero Ohm is a short, a small bit of wire and a bit of solder.

But I as well would question as to why you would want to work on the radio given that the way you interact on here is that you know very little or nothing about repair or servicing a radio.

You can ruin a radio from the service menu to where it is not worth fixing very quickly, The user menus there is almost nothing that you can do to the radio that a good reset would not fix but in the service menu there is NO PROTECTION it thinks that anyone in that mode is qualified to be there and you can let the smoke out in big ways from the service menu.

N6UYB
Jack
----- Original Message -----
From: "gunnystungun" <kg4mlo@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, June 07, 2011 01:25
Subject: [ic706] Re: Original 706 hidden service menu question.

What do you mean by "MUCKING AROUND" ?? I did not realize I was challenged.
I just have a shortage of zero ohmers.

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Mon, 6/6/11, gunnystungun <kg4mlo@...> wrote:
>
> > What do you mean by terminate ?? Shorted or open circuit ??
> > I have the plug, but no zero ohm resistor !!
>
> Are you SURE you want to be mucking around in the service menu if
> getting into it is this much of a challenge for you?
>
>

> Mark K5LXP
> Albuquerque, NM
>

---

Yahoo! Groups Links

# 18919. 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-10 12:23:52 UTC
From: n0sya
Topic: 18919  Message: 18919

Hi group!
I just wanted to hash over a simple master reference oscillator alignment method. Many already know how to do this without a frequency counter ready, but many freq counters are off freq! The sig from wwv at 20MHz is far more accurate than many consumer freq counters, to say nothing of circuit loading that will alter freqs when trying to adjust reference oscillators via the counter method.

To be sure, my original recipe 706 was only off some 80Hz to begin with, but that still bothered me with a rig so stable. I knew that it could do better.

Just fire your rig up (hopefully with the bottom case cover already unscrewed) and let it warm up, do some operating maybe. After the rig is good and heat stabilised tune to wwv at 20MHz, or 15MHz if 20 is not coming in well. Use a tuner or enable preamp if it helps you get a better sig at 20MHz. The higher the freq at wich you obtain a signal for tuning the reference oscillator, the less the margarine of error. I enable 1Hz tuning just because, but as long as you have nothing but zeros after the 15 or 20 on screen you should be ok. Now following your service manual, adjust the pot or inductor or cap or rocker arm as required for a zero beat in usb or lsb at whatever wwv frequency you have to work with. I find that offsetting the pbt control to hear the swish of zero beat very helpfull. Headphones also help.

After you get one sideband aligned to zero beat, everything else should be too, but you can always check your work. If you get it to within one Herz you are doing great. You can check between the various modes for zero beat but it will matter little once set to any of them. Some prefer to use cw mode and then reverse the sideband cw is rx'd from for this adjustment, matching the tones. Some also use a pc to do an even finer alignment by using a sound card app that displays audio frequency spectrum, but I am not that geeky. Well, ok, I am that geeky, I just don't care to use the pc method. Then place the covers back and flip the rig over. At this time you should be proud of your little 706 and yourself.

But you're not done yet. Ohhhh not by a long shot.

Get the rig good and hot by transmitting at full power for a bit into a dl or by actually talking to other hams on the air with it. Then go back to wwv and see what your new zero beat offset is. From upside down and no case bottom or cover plate on the adjustment circuit to rightside up and fully clothed, my 706 was 5Hz off. Off came the covers and whith the display locked 5Hz higher than wwv at 20MHz, I zero'd the reference oscillator again. This small effort was rewarded with a gentle swishing of zero beat at 20MHz when all covers are in place and the rig is right side up. Not too shabby for not having any NIST traceable test gear. Beat that, fequency counter!

Chris/n0sya

# 18920. Re: [ic706] 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-10 13:09:10 UTC
From: Stu Capon
Topic: 18919  Message: 18920

Good tip and I'll try that on whatever we can get in the UK (which seems
less well equipped up that end of the frequency range)
I've tried the cw/cw-r thing but not much more.

One thing I'm not too sure on is getting hold of some "margarine of
error" would the "butter of uncertainty" work?

Regards
Stu

On 10/06/11 13:23, n0sya wrote:
>
> Hi group!
> I just wanted to hash over a simple master reference oscillator
> alignment method. Many already know how to do this without a frequency
> counter ready, but many freq counters are off freq! The sig from wwv
> at 20MHz is far more accurate than many consumer freq counters, to say
> nothing of circuit loading that will alter freqs when trying to adjust
> reference oscillators via the counter method.
>
> To be sure, my original recipe 706 was only off some 80Hz to begin
> with, but that still bothered me with a rig so stable. I knew that it
> could do better.
>
> Just fire your rig up (hopefully with the bottom case cover already
> unscrewed) and let it warm up, do some operating maybe. After the rig
> is good and heat stabilised tune to wwv at 20MHz, or 15MHz if 20 is
> not coming in well. Use a tuner or enable preamp if it helps you get a
> better sig at 20MHz. The higher the freq at wich you obtain a signal
> for tuning the reference oscillator, the less the margarine of error.
> I enable 1Hz tuning just because, but as long as you have nothing but
> zeros after the 15 or 20 on screen you should be ok. Now following
> your service manual, adjust the pot or inductor or cap or rocker arm
> as required for a zero beat in usb or lsb at whatever wwv frequency
> you have to work with. I find that offsetting the pbt control to hear
> the swish of zero beat very helpfull. Headphones also help.
>
> After you get one sideband aligned to zero beat, everything else
> should be too, but you can always check your work. If you get it to
> within one Herz you are doing great. You can check between the various
> modes for zero beat but it will matter little once set to any of them.
> Some prefer to use cw mode and then reverse the sideband cw is rx'd
> from for this adjustment, matching the tones. Some also use a pc to do
> an even finer alignment by using a sound card app that displays audio
> frequency spectrum, but I am not that geeky. Well, ok, I am that
> geeky, I just don't care to use the pc method. Then place the covers

> back and flip the rig over. At this time you should be proud of your
> little 706 and yourself.
>
> But you're not done yet. Ohhhh not by a long shot.
>
> Get the rig good and hot by transmitting at full power for a bit into
> a dl or by actually talking to other hams on the air with it. Then go
> back to wwv and see what your new zero beat offset is. From upside
> down and no case bottom or cover plate on the adjustment circuit to
> rightside up and fully clothed, my 706 was 5Hz off. Off came the
> covers and whith the display locked 5Hz higher than wwv at 20MHz, I
> zero'd the reference oscillator again. This small effort was rewarded
> with a gentle swishing of zero beat at 20MHz when all covers are in
> place and the rig is right side up. Not too shabby for not having any
> NIST traceable test gear. Beat that, fequency counter!
>
> Chris/n0sya
>
>

[Non-text portions of this message have been removed]

# 18921. Re: [ic706] 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-10 14:06:16 UTC
From: Joe
Topic: 18919  Message: 18921

This seems to be a well kept secret or something. Once I figured out how to do it, I check all my rigs periodically. My TS950SDX and IC-7000 have TCXOs and are well within 1 Hz. The last time I "sanity checked" my 950 with the ARRL FMT, I was within 1/10th of a Hz!

Also, I use a slightly different method. If you have a second receiver, you can tune it to WWV on AM then zero-beat the rig being adjusted to it using the audio tones. I use speakers on both rigs. I've also done the sound card spec an method with good success. Using the storage function, I store the trace of the tone locations with the rig in AM then adjust the rig in SSB so they overlay the stored spike. It usually takes some finagling to get the sound card spec an zoomed in & sampled enough to be accuate, but it works pretty well. Still, I prefer the method of zero-beatingaudio tones. Just as accuate and much simpler.

Joe, N3JI

n0sya <n0sya@yahoo.com> wrote:

>Hi group!
>I just wanted to hash over a simple master reference oscillator alignment method. Many already know how to do this without a frequency counter ready, but many freq counters are off freq! The sig from wwv at 20MHz is far more accurate than many consumer freq counters, to say nothing of circuit loading that will alter freqs when trying to adjust reference oscillators via the counter method.
>
>To be sure, my original recipe 706 was only off some 80Hz to begin with, but that still bothered me with a rig so stable. I knew that it could do better.
>
>Just fire your rig up (hopefully with the bottom case cover already unscrewed) and let it warm up, do some operating maybe. After the rig is good and heat stabilised tune to wwv at 20MHz, or 15MHz if 20 is not coming in well. Use a tuner or enable preamp if it helps you get a better sig at 20MHz. The higher the freq at wich you obtain a signal for tuning the reference oscillator, the less the margarine of error. I enable 1Hz tuning just because, but as long as you have nothing but zeros after the 15 or 20 on screen you should be ok. Now following your service manual, adjust the pot or inductor or cap or rocker arm as required for a zero beat in usb or lsb at whatever wwv frequency you have to work with. I find that offsetting the pbt control to hear the swish of zero beat very helpfull. Headphones also help.
>
> After you get one sideband aligned to zero beat, everything else should be too, but you can always check your work. If you get it to within one Herz you are doing great. You can check between the various modes for zero beat but it will matter little once set to any of them. Some prefer to use cw mode and then reverse the sideband cw is rx'd from for this adjustment, matching the tones. Some also use a pc to do an even finer alignment by using a sound card app that displays audio frequency spectrum, but I am not that geeky. Well, ok, I am that geeky, I just don't care to use the pc method. Then place the covers back and flip the rig over. At this time you should be proud of your little 706 and yourself.
>

>But you're not done yet. Ohhhh not by a long shot.
>
>Get the rig good and hot by transmitting at full power for a bit into a dl or by actually talking to other hams on the air with it. Then go back to wwv and see what your new zero beat offset is. From upside down and no case bottom or cover plate on the adjustment circuit to rightside up and fully clothed, my 706 was 5Hz off. Off came the covers and whith the display locked 5Hz higher than wwv at 20MHz, I zero'd the reference oscillator again. This small effort was rewarded with a gentle swishing of zero beat at 20MHz when all covers are in place and the rig is right side up. Not too shabby for not having any NIST traceable test gear. Beat that, fequency counter!
>
>Chris/n0sya
>

# 18922. Re: 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-11 12:12:13 UTC
From: n0sya
Topic: 18919  Message: 18922

Hi Joe, yeah the am and other rx method I have considered before but never tried, glad to know it can work out. And yeah the audio specan is a bit more involved than I care for, but if you're already hooked to the pc, might as well go full geek on it. Some guys may need the overkill for some of the crazy digital modes.

Hi Stu, yeah, the butter of uncertainty goes quite well with the toast of the 706. And I am certain you said that on porpoise!

Chris/n0sya

# 18923. Re: [ic706] 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-10 14:08:54 UTC
From: John Silberman
Topic: 18919  Message: 18923

Stu

Don't leave us like that... So which one is butter?

Sick ham
John KB4CRT

Stu Capon wrote:
> Good tip and I'll try that on whatever we can get in the UK (which seems
> less well equipped up that end of the frequency range)
> I've tried the cw/cw-r thing but not much more.
>
> One thing I'm not too sure on is getting hold of some "margarine of
> error" would the "butter of uncertainty" work?
>
> Regards
> Stu
>
>
> On 10/06/11 13:23, n0sya wrote:
>
>> Hi group!
>> I just wanted to hash over a simple master reference oscillator
>> alignment method. Many already know how to do this without a frequency
>> counter ready, but many freq counters are off freq! The sig from wwv
>> at 20MHz is far more accurate than many consumer freq counters, to say
>> nothing of circuit loading that will alter freqs when trying to adjust
>> reference oscillators via the counter method.
>>
>> To be sure, my original recipe 706 was only off some 80Hz to begin
>> with, but that still bothered me with a rig so stable. I knew that it
>> could do better.
>>
>> Just fire your rig up (hopefully with the bottom case cover already
>> unscrewed) and let it warm up, do some operating maybe. After the rig
>> is good and heat stabilised tune to wwv at 20MHz, or 15MHz if 20 is
>> not coming in well. Use a tuner or enable preamp if it helps you get a
>> better sig at 20MHz. The higher the freq at wich you obtain a signal
>> for tuning the reference oscillator, the less the margarine of error.
>> I enable 1Hz tuning just because, but as long as you have nothing but
>> zeros after the 15 or 20 on screen you should be ok. Now following
>> your service manual, adjust the pot or inductor or cap or rocker arm
>> as required for a zero beat in usb or lsb at whatever wwv frequency
>> you have to work with. I find that offsetting the pbt control to hear
>> the swish of zero beat very helpfull. Headphones also help.
>>

>> After you get one sideband aligned to zero beat, everything else
>> should be too, but you can always check your work. If you get it to
>> within one Herz you are doing great. You can check between the various
>> modes for zero beat but it will matter little once set to any of them.
>> Some prefer to use cw mode and then reverse the sideband cw is rx'd
>> from for this adjustment, matching the tones. Some also use a pc to do
>> an even finer alignment by using a sound card app that displays audio
>> frequency spectrum, but I am not that geeky. Well, ok, I am that
>> geeky, I just don't care to use the pc method. Then place the covers
>> back and flip the rig over. At this time you should be proud of your
>> little 706 and yourself.
>>
>> But you're not done yet. Ohhhh not by a long shot.
>>
>> Get the rig good and hot by transmitting at full power for a bit into
>> a dl or by actually talking to other hams on the air with it. Then go
>> back to wwv and see what your new zero beat offset is. From upside
>> down and no case bottom or cover plate on the adjustment circuit to
>> rightside up and fully clothed, my 706 was 5Hz off. Off came the
>> covers and whith the display locked 5Hz higher than wwv at 20MHz, I
>> zero'd the reference oscillator again. This small effort was rewarded
>> with a gentle swishing of zero beat at 20MHz when all covers are in
>> place and the rig is right side up. Not too shabby for not having any
>> NIST traceable test gear. Beat that, fequency counter!
>>
>> Chris/n0sya
>>
>>
>>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1382 / Virus Database: 1513/3692 - Release Date: 06/10/11
>

>
>

# 18924. Re: [ic706] 706 and wwv@20MHz = cheap frequency alignment

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-12 10:44:51 UTC
From: Stu Capon
Topic: 18919  Message: 18924

I didn't want to "Spread" the thread out with my British humour
especially as these things can churn on and get borderline cheesy.

On 10/06/11 15:08, John Silberman wrote:
>
> Stu
>
> Don't leave us like that... So which one is butter?
>
> Sick ham
> John KB4CRT
>
> Stu Capon wrote:
> > Good tip and I'll try that on whatever we can get in the UK (which
> seems
> > less well equipped up that end of the frequency range)
> > I've tried the cw/cw-r thing but not much more.
> >
> > One thing I'm not too sure on is getting hold of some "margarine of
> > error" would the "butter of uncertainty" work?
> >
> > Regards
> > Stu
> >
> >
> > On 10/06/11 13:23, n0sya wrote:
> >
> >> Hi group!
> >> I just wanted to hash over a simple master reference oscillator
> >> alignment method. Many already know how to do this without a frequency
> >> counter ready, but many freq counters are off freq! The sig from wwv
> >> at 20MHz is far more accurate than many consumer freq counters, to say
> >> nothing of circuit loading that will alter freqs when trying to adjust
> >> reference oscillators via the counter method.
> >>
> >> To be sure, my original recipe 706 was only off some 80Hz to begin
> >> with, but that still bothered me with a rig so stable. I knew that it
> >> could do better.
> >>
> >> Just fire your rig up (hopefully with the bottom case cover already
> >> unscrewed) and let it warm up, do some operating maybe. After the rig
> >> is good and heat stabilised tune to wwv at 20MHz, or 15MHz if 20 is
> >> not coming in well. Use a tuner or enable preamp if it helps you get a
> >> better sig at 20MHz. The higher the freq at wich you obtain a signal
> >> for tuning the reference oscillator, the less the margarine of error.

> >> I enable 1Hz tuning just because, but as long as you have nothing but
> >> zeros after the 15 or 20 on screen you should be ok. Now following
> >> your service manual, adjust the pot or inductor or cap or rocker arm
> >> as required for a zero beat in usb or lsb at whatever wwv frequency
> >> you have to work with. I find that offsetting the pbt control to hear
> >> the swish of zero beat very helpfull. Headphones also help.
> >>
> >> After you get one sideband aligned to zero beat, everything else
> >> should be too, but you can always check your work. If you get it to
> >> within one Herz you are doing great. You can check between the various
> >> modes for zero beat but it will matter little once set to any of them.
> >> Some prefer to use cw mode and then reverse the sideband cw is rx'd
> >> from for this adjustment, matching the tones. Some also use a pc to do
> >> an even finer alignment by using a sound card app that displays audio
> >> frequency spectrum, but I am not that geeky. Well, ok, I am that
> >> geeky, I just don't care to use the pc method. Then place the covers
> >> back and flip the rig over. At this time you should be proud of your
> >> little 706 and yourself.
> >>
> >> But you're not done yet. Ohhhh not by a long shot.
> >>
> >> Get the rig good and hot by transmitting at full power for a bit into
> >> a dl or by actually talking to other hams on the air with it. Then go
> >> back to wwv and see what your new zero beat offset is. From upside
> >> down and no case bottom or cover plate on the adjustment circuit to
> >> rightside up and fully clothed, my 706 was 5Hz off. Off came the
> >> covers and whith the display locked 5Hz higher than wwv at 20MHz, I
> >> zero'd the reference oscillator again. This small effort was rewarded
> >> with a gentle swishing of zero beat at 20MHz when all covers are in
> >> place and the rig is right side up. Not too shabby for not having any
> >> NIST traceable test gear. Beat that, fequency counter!
> >>
> >> Chris/n0sya
> >>
> >>
> >>
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >

> >
> >
> > -----
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 10.0.1382 / Virus Database: 1513/3692 - Release Date: 06/10/11
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 18925. No TX OR rX ON 2 METERS (a mk1)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-18 05:21:05 UTC
From: don.dickson95
Topic: 18925  Message: 18925

Hi, Does anybody know what the problem could be, nothing on this band and will not tx tx light comes on but no power out it's the mk1 version.
any help much appreciated.Don

# 18926. RE: [ic706] No TX OR rX ON 2 METERS (a mk1)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-18 21:56:43 UTC
From: bruce.clements@sympatico.ca
Topic: 18925  Message: 18926

have seen posts about the VHF PLL going out of wack....

bruce
ve3bv

To: ic706@yahoogroups.com
From: don.dickson95@...
Date: Sat, 18 Jun 2011 05:21:05 +0000
Subject: [ic706] No TX OR rX ON 2 METERS (a mk1)

Hi, Does anybody know what the problem could be, nothing on this band and will not tx tx light comes on but no power out it's the mk1 version.
any help much appreciated.Don

[Non-text portions of this message have been removed]

# 18927. Re: No TX OR rX ON 2 METERS (a mk1)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-18 23:04:06 UTC
From: n2mxm
Topic: 18925  Message: 18927

I have a IC706IIG no tx on 2 meter & 70CM no rec on both?
--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
> have seen posts about the VHF PLL going out of wack....
>
> bruce
> ve3bv
>
>
>
>
> To: ic706@yahoogroups.com
> From: don.dickson95@...
> Date: Sat, 18 Jun 2011 05:21:05 +0000
> Subject: [ic706] No TX OR rX ON 2 METERS (a mk1)
>
>
>
>
>
>
> Hi, Does anybody know what the problem could be, nothing on this band and will not tx tx light comes on but no power out it's the mk1 version.
> any help much appreciated.Don
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18928. Re: No TX OR rX ON 2 METERS (a mk1)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-19 05:14:07 UTC
From: don.dickson95
Topic: 18925  Message: 18928

--- In ic706@yahoogroups.com, "n2mxm" <n2mxm@...> wrote:
>
>
> I have a IC706IIG no tx on 2 meter & 70CM no rec on both?
> --- In ic706@yahoogroups.com, <bruce.clements@> wrote:
> >
> >
> > have seen posts about the VHF PLL going out of wack....
> >
> > bruce
> > ve3bv
> >
> >
> >
> >
> > To: ic706@yahoogroups.com
> > From: don.dickson95@
> > Date: Sat, 18 Jun 2011 05:21:05 +0000
> > Subject: [ic706] No TX OR rX ON 2 METERS (a mk1)
> >
> >
> >
> >
> >
> >
> > Hi, Does anybody know what the problem could be, nothing on this band and will not tx
tx light comes on but no power out it's the mk1 version.
> > any help much appreciated.Don
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
Hi Bruce, Thanks for that on checking availabilaty 10 week wait so may not bother with it
just uise HF. Don

# 18929. Frontpanel MKIIG with MKII changeable?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-26 11:50:06 UTC
From: dajetzi
Topic: 18929  Message: 18929

Hello,
anyone knows if the IC-706MKII frontpanel
can be used on IC-706MKIIG radio?
I dont know the differences between this radios,
but i assume the functions only provided from MKIIG
can not be handled from MKII panel.

73´s
Sigi

# 18930. Re: Frontpanel MKIIG with MKII changeable?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-27 15:26:41 UTC
From: k6acj
Topic: 18929  Message: 18930

The answer to your question has been in this forum for a long time. One of the series is not interchangeable but the diagrams are available on the web. The control head is a separate diagram so just print out one of each and check the connections and voltage notations at the control cable plug. I do know the mistake costs the entire radio.

Bill k6acj

--- In ic706@yahoogroups.com, "dajetzi" <da_kaeptn@...> wrote:
>
> Hello,
> anyone knows if the IC-706MKII frontpanel
> can be used on IC-706MKIIG radio?
> I dont know the differences between this radios,
> but i assume the functions only provided from MKIIG
> can not be handled from MKII panel.
>
> 73´s
> Sigi
>

# 18931. No tx/rx on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2011-06-27 15:03:04 UTC
From: wb4aeg
Topic: 18931  Message: 18931

I'm knew to the group and I'm sure this question has been addressed. I have no rx or tx on 160 thru 28Mhz. All works fine on 6 thru 70cm.
On HF I can hear the increase noise due to the preamp being switched in and out and I can hear the difference the filters make. I suspect there is a problem with the input switching. Any heads-up before I start troubleshooting? Hal, WB4AEG

# 18932. Re: Frontpanel MKIIG with MKII changeable?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-01 22:01:00 UTC
From: zl1tbg
Topic: 18929  Message: 18932

I think the previous questions relate to MK2g compatibility with original Mk0 radios. I have both these models and there is no problem swapping the heads electrically. There is a difference in the way memory ch is selected and operation of RIT because the MK2g head has different rotary encoder here. DSP menus etc still operate in a radio that has it.

The MK2, I dont know. Its major difference is in the finals, which are bipolar devices rather than FETS in the others.

Ralph

--- In ic706@yahoogroups.com, "k6acj" <k6acj@...> wrote:
>
> The answer to your question has been in this forum for a long time. One of the series is not interchangeable but the diagrams are available on the web. The control head is a separate diagram so just print out one of each and check the connections and voltage notations at the control cable plug. I do know the mistake costs the entire radio.
>
> Bill k6acj
>
> --- In ic706@yahoogroups.com, "dajetzi" <da_kaeptn@> wrote:
> >
> > Hello,
> > anyone knows if the IC-706MKII frontpanel
> > can be used on IC-706MKIIG radio?
> > I dont know the differences between this radios,
> > but i assume the functions only provided from MKIIG
> > can not be handled from MKII panel.
> >
> > 73´s
> > Sigi
> >
>

# 18933. Icom 706 mkii (not g!)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-03 18:43:48 UTC
From: wizzbit_99
Topic: 18933  Message: 18933

Hello there.
I have got the above radio.
I'm looking into getting into psk.
I've opened the radio only to discover that no optional filters are installed.
Would I need any to get me going or will the product below (also psk software) be enough to get me going?

http://www.ebay.co.uk/itm/DIGI-MODE-INTERFACE-SUITS-YAESU-ICOM-KENWOOD-RADIOS-/180688106644?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item2a11d9b494#ht_1077wt_1058

Anything else I'm missing?

Many Thanks

Mark

# 18934. Re: [ic706] Icom 706 mkii (not g!)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-03 18:56:53 UTC
From: Bob N3PPH
Topic: 18933  Message: 18934

I am not familiar with that particular interface but it looks quite
nice. I have been running digi modes on my non G for quite a while.
There are times having a narrow filters helps but by no means is it
required. My filter is off more than it is on. Hope to see you on PSK soon.

73,
Bob N3PPH

On 7/3/2011 2:43 PM, wizzbit_99 wrote:
>
> Hello there.
> I have got the above radio.
> I'm looking into getting into psk.
> I've opened the radio only to discover that no optional filters are
> installed.
> Would I need any to get me going or will the product below (also psk
> software) be enough to get me going?
>
> http://www.ebay.co.uk/itm/DIGI-MODE-INTERFACE-SUITS-YAESU-ICOM-KENWOOD-RADIOS-/180688106644?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item2a11d9b494#ht_1077wt_1058
> <http://www.ebay.co.uk/itm/DIGI-MODE-INTERFACE-SUITS-YAESU-ICOM-KENWOOD-RADIOS-/180688106644?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item2a11d9b494#ht_1077wt_1058>
>
> Anything else I'm missing?
>
> Many Thanks
>
> Mark
>
>

[Non-text portions of this message have been removed]

# 18935. Re: Icom 706 mkii (not g!)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-03 19:11:03 UTC
From: wizzbit_99
Topic: 18933  Message: 18935

Thanks for the reply.
I just bought the one I posted the link to...

Just be an interesting week.....

Cheers

Mark

--- In ic706@yahoogroups.com, Bob N3PPH <rsheskin@...> wrote:
>
> I am not familiar with that particular interface but it looks quite
> nice. I have been running digi modes on my non G for quite a while.
> There are times having a narrow filters helps but by no means is it
> required. My filter is off more than it is on. Hope to see you on PSK soon.
>
> 73,
> Bob N3PPH
>
>
> On 7/3/2011 2:43 PM, wizzbit_99 wrote:
> >
> > Hello there.
> > I have got the above radio.
> > I'm looking into getting into psk.
> > I've opened the radio only to discover that no optional filters are
> > installed.
> > Would I need any to get me going or will the product below (also psk
> > software) be enough to get me going?
> >
> > http://www.ebay.co.uk/itm/DIGI-MODE-INTERFACE-SUITS-YAESU-ICOM-KENWOOD-RADIOS-/180688106644?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item2a11d9b494#ht_1077wt_1058
> > <http://www.ebay.co.uk/itm/DIGI-MODE-INTERFACE-SUITS-YAESU-ICOM-KENWOOD-RADIOS-/180688106644?pt=UK_ConsumerElectronics_SpecialistRadioEquipment_SM&hash=item2a11d9b494#ht_1077wt_1058>
> >
> > Anything else I'm missing?
> >
> > Many Thanks
> >
> > Mark
> >
> >
>
>

> [Non-text portions of this message have been removed]
>

# 18936. IC706MK1 Narrow CW Filter

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-05 16:48:43 UTC
From: s6ea45
Topic: 18936  Message: 18936

HI

I am looking for a Narrow CW Filter for the Icom IC706MK1, is anyone out there got one to sell me??

Thanks

Pete G4WJJ

# 18937. dead IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-13 13:03:01 UTC
From: Dihan Angelo
Topic: 18937  Message: 18937

hi

finally it happend... my 706 died!!!

can anyone please help me get the rig back online. the problems are as follows

1) HF Rx was dead. when you open squelch the RX indicator lights up but no (hiss) is heard. HF TX is ok.

so i packed the rig into storage and pulled out recently now the problems are as follows

2) HF RX and TX both gone. VHF RX was working nd TX was ok. but after a few QSO`s that too is dead.

VHF shows similar symptoms like HF. (when squelch open on VHF hissing is heard but no signal is received)

can any body help me pls.

Dihan Angelo De Silva

facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 18938. VOX on IC-706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-14 10:44:56 UTC
From: sm4yph
Topic: 18938  Message: 18938

Hi group!
Has anyone tried VOX on IC-706MK2G with a Heil Pro Set and HC-5 element and been successful? If so, what are the settings.
The headset works very well with a "foot-PTT".

73' Jan sm4yph

# 18939. 706MKII doesn't power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-14 17:51:54 UTC
From: David Westbrook
Topic: 18939  Message: 18939

The IC706MKII has been great for my first 2 yrs licensed, but now it won't turn on!

* power cable fuses are both ok
* internal fuse (F2) is ok
* power supply is putting out 13.8V at terminals and connector
* When i look at components D12, D13, R35, it should be 13.8V (they're direct from power plug, before the power switch), but i only get ~3.3V (service manual page 78 has the diagram; can email me directly for the page or whole thing)

What do i look at next? Found several related threads in the archives where the issue was cleaning connections, PLL solder joints, or a bad cap. But i'm sure what to make of the 3.3V observation ... Is that a symptom of the problem (if so, what problem does it indicate), or am i measuring in the wrong place?

Unfortunately I'm a novice in electronics .. diagnositic equipment on hand is a multimeter.
I think this is my first post to this reflector, though I've been lurking for a while now and seen some good threads go by.

thanks in advance! (suffering RF withdrawal already!)
--david
KJ4IZW
South Carolina

[Non-text portions of this message have been removed]

# 18940. RE: [ic706] 706MKII doesn't power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-20 19:36:53 UTC
From: Saunders, Tom
Topic: 18939  Message: 18940

Check the power connector pins. They can spread apart inside the connector housing and cause poor contact with the mates.

Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---

From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David Westbrook [dwestbrook@gmail.com]
Sent: Thursday, July 14, 2011 10:51 AM
To: ic706@yahoogroups.com
Subject: [ic706] 706MKII doesn't power on

The IC706MKII has been great for my first 2 yrs licensed, but now it won't turn on!

* power cable fuses are both ok
* internal fuse (F2) is ok
* power supply is putting out 13.8V at terminals and connector
* When i look at components D12, D13, R35, it should be 13.8V (they're direct from power plug, before the power switch), but i only get ~3.3V (service manual page 78 has the diagram; can email me directly for the page or whole thing)

What do i look at next? Found several related threads in the archives where the issue was cleaning connections, PLL solder joints, or a bad cap. But i'm sure what to make of the 3.3V observation ... Is that a symptom of the problem (if so, what problem does it indicate), or am i measuring in the wrong place?

Unfortunately I'm a novice in electronics .. diagnositic equipment on hand is a multimeter.
I think this is my first post to this reflector, though I've been lurking for a while now and seen some good threads go by.

thanks in advance! (suffering RF withdrawal already!)
--david
KJ4IZW
South Carolina

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18941. help

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-20 20:06:24 UTC
From: Carlos Quinones
Topic: 18939  Message: 18941

have any one know to fix 706 some time i using it the radio turns off and i turn it on pass few second turn off again some time does not do it. i check power cord is ok any help on this please

Carlos wp4mxb

# 18942. Re: [ic706] help

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-20 18:47:28 UTC
From: Dean
Topic: 18939  Message: 18942

The Yahoo 706 group has had some talk about that some time ago...
You may check the older messages....
W5GXL Dean

73

On Jul 20, 2011, at 4:06 PM, Carlos Quinones wrote:

> have any one know to fix 706 some time i using it the radio turns off and i
> turn it on pass few second turn off again some time does not do it. i check
> power cord is ok any help on this please
>
> Carlos wp4mxb
>
>

[Non-text portions of this message have been removed]

# 18943. Re: 706MKII doesn't power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 01:21:34 UTC
From: n4eyz
Topic: 18939  Message: 18943

I second what Tom has said. My 706 suffers from a similar malady. The pins in my power connector are a weak spot. Seems Icom could do better. Maybe they have by now.

--- In ic706@yahoogroups.com, "Saunders, Tom" <tom.saunders@...> wrote:
>
> Check the power connector pins. They can spread apart inside the connector housing and cause poor contact with the mates.
> Tom Saunders
> Communications Technician,
> City Of Seattle
> 1933 Minor Ave
> Seattle, WA. 98101
> Wk 206.386.1213
> Cell 206-384-1604
>
> _____
> From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David Westbrook [dwestbrook@...]
> Sent: Thursday, July 14, 2011 10:51 AM
> To: ic706@yahoogroups.com
> Subject: [ic706] 706MKII doesn't power on
>
>
>
> The IC706MKII has been great for my first 2 yrs licensed, but now it won't
> turn on!
>
> * power cable fuses are both ok
> * internal fuse (F2) is ok
> * power supply is putting out 13.8V at terminals and connector
> * When i look at components D12, D13, R35, it should be 13.8V (they're
> direct from power plug, before the power switch), but i only get ~3.3V
> (service manual page 78 has the diagram; can email me directly for the page
> or whole thing)
>
> What do i look at next? Found several related threads in the archives where
> the issue was cleaning connections, PLL solder joints, or a bad cap. But
> i'm sure what to make of the 3.3V observation ... Is that a symptom of the
> problem (if so, what problem does it indicate), or am i measuring in the
> wrong place?
>
> Unfortunately I'm a novice in electronics .. diagnositic equipment on hand
> is a multimeter.
> I think this is my first post to this reflector, though I've been lurking
> for a while now and seen some good threads go by.

>
> thanks in advance! (suffering RF withdrawal already!)
> --david
> KJ4IZW
> South Carolina
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 18944. Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 07:07:46 UTC
From: pagan
Topic: 18944  Message: 18944

Hello; as I peruse the sites I see the question of "What is the serial number", arising frequently. I have a MkII and have been looking at the possibility of getting another 706MkII or 706MkIIG. I know that in some cases there is a problem with availability of parts, specificly, transitors? Factual guidance would be appreciated. Thank you for your time and consideration,
73,
Curt/KF5KGN

# 18945. Re: [ic706] help @ DEAN

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 12:40:04 UTC
From: Dihan Angelo
Topic: 18939  Message: 18945

Hi dean if you cannot fix the problem will you consider selling the rig to me? i'm looking for spare parts for a IC-706 (MK1)

Thanks

Dihan Angelo De Silva facebook.com/dihanangelo

--- On Wed, 20/7/11, Dean <w5gxl@arrl.net> wrote:

From: Dean <w5gxl@...>
Subject: Re: [ic706] help
To: ic706@yahoogroups.com
Date: Wednesday, 20 July, 2011, 11:47

The Yahoo 706 group has had some talk about that some time ago...
You may check the older messages....
W5GXL  Dean

73

On Jul 20, 2011, at 4:06 PM, Carlos Quinones wrote:

> have any one know to fix 706 some time i using it the radio turns off and i
> turn it on pass few second turn off again some time does not do it. i check
> power cord is ok any help on this please
>
> Carlos wp4mxb
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 18946. Re: [ic706] Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 12:56:40 UTC
From: John Geiger
Topic: 18944  Message: 18946

For the MKIIG, you want a serial number of 150XXX or above.

73s John AA5JG

----- Original Message -----
From: pagan
To: ic706@yahoogroups.com
Sent: Thursday, July 21, 2011 7:07 AM
Subject: [ic706] Serial number cutoff points

Hello; as I peruse the sites I see the question of "What is the serial number", arising frequently. I have a MkII and have been looking at the possibility of getting another 706MkII or 706MkIIG. I know that in some cases there is a problem with availability of parts, specificly, transitors? Factual guidance would be appreciated. Thank you for your time and consideration,
73,
Curt/KF5KGN

[Non-text portions of this message have been removed]

# 18947. Re: [ic706] Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 13:49:44 UTC
From: Mike Rodgers
Topic: 18944  Message: 18947

Mines 1,513,334 on a mk2g

It's got the old pa's in the manual but the new version inside the radio. About 6 years old I think.

73
Mike R
Sent from my spy ring

On Jul 21, 2011, at 7:56 AM, "John Geiger" <aa5jg@...> wrote:

> For the MKIIG, you want a serial number of 150XXX or above.
>
> 73s John AA5JG
>
> ----- Original Message -----
> From: pagan
> To: ic706@yahoogroups.com
> Sent: Thursday, July 21, 2011 7:07 AM
> Subject: [ic706] Serial number cutoff points
>
> Hello; as I peruse the sites I see the question of "What is the serial number", arising frequently. I have a MkII and have been looking at the possibility of getting another 706MkII or 706MkIIG. I know that in some cases there is a problem with availability of parts, specificly, transitors? Factual guidance would be appreciated. Thank you for your time and consideration,
> 73,
> Curt/KF5KGN
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18948. Re: [ic706] Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 20:01:46 UTC
From: Wayne Bowyer
Topic: 18944  Message: 18948

I have a G model, the serial #07219. I think I bought it in 2001 or 2003.
Was there an update within the G production run?

Wayne

On Thu, Jul 21, 2011 at 9:49 AM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> Mines 1,513,334 on a mk2g
>
> It's got the old pa's in the manual but the new version inside the radio.
> About 6 years old I think.
>
> 73
> Mike R
> Sent from my spy ring
>
> On Jul 21, 2011, at 7:56 AM, "John Geiger" <aa5jg@...> wrote:
>
> > For the MKIIG, you want a serial number of 150XXX or above.
> > >
> > > 73s John AA5JG
> > >
> > > ----- Original Message -----
> > > From: pagan
> > > To: ic706@yahoogroups.com
> > > Sent: Thursday, July 21, 2011 7:07 AM
> > > Subject: [ic706] Serial number cutoff points
> > >
> > > Hello; as I peruse the sites I see the question of "What is the serial
> > number", arising frequently. I have a MkII and have been looking at the
> > possibility of getting another 706MkII or 706MkIIG. I know that in some
> > cases there is a problem with availability of parts, specificly, transitors?
> > Factual guidance would be appreciated. Thank you for your time and
> > consideration,
> > > 73,
> > > Curt/KF5KGN
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]

>
>
>

[Non-text portions of this message have been removed]

# 18949. Re: [ic706] Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 20:03:15 UTC
From: John Geiger
Topic: 18944  Message: 18949

Yes, they changed the type of finals used. The earlier models have finals
that can no longer be obtained so you have to change out the entire board
(or don't blow the finals).

73 John AA5JG

On Thu, Jul 21, 2011 at 3:01 PM, Wayne Bowyer <wayne.bowyer@...>wrote:

> I have a G model, the serial #07219. I think I bought it in 2001 or 2003.
> Was there an update within the G production run?
>
> Wayne
>
> On Thu, Jul 21, 2011 at 9:49 AM, Mike Rodgers
> <mikerodgerske5gbc@...>wrote:
>
> > **
> > >
> > >
> > > Mines 1,513,334 on a mk2g
> > >
> > > It's got the old pa's in the manual but the new version inside the radio.
> > > About 6 years old I think.
> > >
> > > 73
> > > Mike R
> > > Sent from my spy ring
> > >
> > > On Jul 21, 2011, at 7:56 AM, "John Geiger" <aa5jg@...> wrote:
> > >
> > > > For the MKIIG, you want a serial number of 150XXX or above.
> > > >
> > > > 73s John AA5JG
> > > >
> > > > ----- Original Message -----
> > > > From: pagan
> > > > To: ic706@yahoogroups.com
> > > > Sent: Thursday, July 21, 2011 7:07 AM
> > > > Subject: [ic706] Serial number cutoff points
> > > >
> > > > Hello; as I peruse the sites I see the question of "What is the serial
> > > number", arising frequently. I have a MkII and have been looking at the
> > > possibility of getting another 706MkII or 706MkIIG. I know that in some
> > > cases there is a problem with availability of parts, specificly,
> > transitors?
> > > Factual guidance would be appreciated. Thank you for your time and

> > consideration,
> > > 73,
> > > Curt/KF5KGN
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 18950. Re: [ic706] Re: 706MKII doesn't power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-21 22:35:04 UTC
From: David Westbrook
Topic: 18939  Message: 18950

I tried jiggling them while pushing power button, so if loose would maybe connect (even if briefly) ... Any better way to test or pinch them back tighter?

If the pins were the problem, i would see no voltage on the board (D12,D13,R35), right? Would loose pins explain the 3V i'm seeing (instead of 13V) ?

I think pins are ok, because D12/D13/R35 and the terminal on power supply is ok for continuity test.

Black terminal -> Red Terminal on PS is 13.8V
Red Terminal -> D12/D13/R35 beeps for continuity test
Black terminal -> D12/D13/R35 is 2.8V (!!!!!!)
Black terminal -> radio ground beeps for continuity test

==> So what's breaking the transitive property here (and causing the low voltage at D12/D13/R35)?

I'd like to test RL12, which is the relay for the power switch, too ... but can't get at the pins without taking the board out, which looks like it involves desoldering the SO-239; so waiting on that test.

thanks,
--david
KJ4IZW

On Wed, Jul 20, 2011 at 9:21 PM, n4eyz <wayne.bowyer@...> wrote:

> **
>
>
> I second what Tom has said. My 706 suffers from a similar malady. The pins
> in my power connector are a weak spot. Seems Icom could do better. Maybe
> they have by now.
>
>
> --- In ic706@yahoogroups.com, "Saunders, Tom" <tom.saunders@...> wrote:
> >
> > Check the power connector pins. They can spread apart inside the
> connector housing and cause poor contact with the mates.
> > Tom Saunders
> > Communications Technician,
> > City Of Seattle
> > 1933 Minor Ave
> > Seattle, WA. 98101
> > Wk 206.386.1213

> > Cell 206-384-1604
> >
> > _____
> > From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David
> Westbrook [dwestbrook@...]
>
> > Sent: Thursday, July 14, 2011 10:51 AM
> > To: ic706@yahoogroups.com
> > Subject: [ic706] 706MKII doesn't power on
> >
> >
> >
> > The IC706MKII has been great for my first 2 yrs licensed, but now it
> won't
> > turn on!
> >
> > * power cable fuses are both ok
> > * internal fuse (F2) is ok
> > * power supply is putting out 13.8V at terminals and connector
> > * When i look at components D12, D13, R35, it should be 13.8V (they're
> > direct from power plug, before the power switch), but i only get ~3.3V
> > (service manual page 78 has the diagram; can email me directly for the
> page
> > or whole thing)
> >
> > What do i look at next? Found several related threads in the archives
> where
> > the issue was cleaning connections, PLL solder joints, or a bad cap. But
> > i'm sure what to make of the 3.3V observation ... Is that a symptom of
> the
> > problem (if so, what problem does it indicate), or am i measuring in the
> > wrong place?
> >
> > Unfortunately I'm a novice in electronics .. diagnositic equipment on
> hand
> > is a multimeter.
> > I think this is my first post to this reflector, though I've been lurking
> > for a while now and seen some good threads go by.
> >
> > thanks in advance! (suffering RF withdrawal already!)
> > --david
> > KJ4IZW
> > South Carolina
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >

> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 18951. Re: [ic706] Re: 706MKII doesn't power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-22 04:06:40 UTC
From: Facility 406 DM09
Topic: 18939  Message: 18951

: If the pins were the problem, i would see no voltage on the board
: (D12,D13,R35), right? Would loose pins explain the 3V i'm seeing (instead
: of 13V) ?

The pins connection, on the power cable side has a habit of getting loose and on both sides, oxidizing.

I used to clean mine with rolled up sandpaper and re-roll the cord side with a small screwdriver, eventually I replaced the molex style connector with a fiberglass plate with two stainless steel studs and connected the power with locking hardware. This solved the low voltage current problem and random disconnects when I hit bumps in the road.

I have some pics of my mod, it will take a while to find them, but I can upload to the group.

Kurt

# 18952. Re: Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-23 01:32:47 UTC
From: pagan
Topic: 18944  Message: 18952

Thank you folks. That was about what I figured from what I had been seeing.
73,
Curt/KF5KGN

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:
>
> Yes, they changed the type of finals used. The earlier models have finals
> that can no longer be obtained so you have to change out the entire board
> (or don't blow the finals).
>
> 73 John AA5JG
>
> On Thu, Jul 21, 2011 at 3:01 PM, Wayne Bowyer <wayne.bowyer@...>wrote:
>
> > I have a G model, the serial #07219. I think I bought it in 2001 or 2003.
> > Was there an update within the G production run?
> > >
> > > Wayne
> > >
> > > On Thu, Jul 21, 2011 at 9:49 AM, Mike Rodgers
> > > <mikerodgerske5gbc@...>wrote:
> > >
> > > > **
> > > >
> > > >
> > > > Mines 1,513,334 on a mk2g
> > > >
> > > > It's got the old pa's in the manual but the new version inside the radio.
> > > > About 6 years old I think.
> > > >
> > > > 73
> > > > Mike R
> > > > Sent from my spy ring
> > > >
> > > > On Jul 21, 2011, at 7:56 AM, "John Geiger" <aa5jg@...> wrote:
> > > >
> > > > > For the MKIIG, you want a serial number of 150XXX or above.
> > > > >
> > > > > 73s John AA5JG
> > > > >
> > > > > ----- Original Message -----
> > > > > From: pagan
> > > > > To: ic706@yahoogroups.com
> > > > > Sent: Thursday, July 21, 2011 7:07 AM
> > > > > Subject: [ic706] Serial number cutoff points

> > > >
> > > > Hello; as I peruse the sites I see the question of "What is the serial
> > > number", arising frequently. I have a MkII and have been looking at the
> > > possibility of getting another 706MkII or 706MkIIG. I know that in some
> > > cases there is a problem with availability of parts, specificly,
> > transitors?
> > > > Factual guidance would be appreciated. Thank you for your time and
> > > consideration,
> > > > > 73,
> > > > > Curt/KF5KGN
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >

# 18953. Re: [ic706] Re: Serial number cutoff points

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-23 02:53:57 UTC
From: Dihan Angelo
Topic: 18944  Message: 18953

Hi friends

i'm looking for a broken IC-706 (MK1) to be broken down as spares. please do contact me as im willing to make a reasonable price for the rig.

Thanks

Dihan Angelo De Silva facebook.com/dihanangelo

--- On Fri, 22/7/11, pagan <paganone@...> wrote:

From: pagan <paganone@gmail.com>
Subject: [ic706] Re: Serial number cutoff points
To: ic706@yahoogroups.com
Date: Friday, 22 July, 2011, 18:32

Thank you folks. That was about what I figured from what I had been seeing.

73,

Curt/KF5KGN

--- In ic706@yahoogroups.com, John Geiger <aa5jg@...> wrote:

>

> Yes, they changed the type of finals used. The earlier models have finals

> that can no longer be obtained so you have to change out the entire board

> (or don't blow the finals).

>

> 73 John AA5JG

>

> On Thu, Jul 21, 2011 at 3:01 PM, Wayne Bowyer <wayne.bowyer@...>wrote:

>

> > I have a G model, the serial #07219. I think I bought it in 2001 or 2003.

> > Was there an update within the G production run?

> >

> > Wayne

> >

> > On Thu, Jul 21, 2011 at 9:49 AM, Mike Rodgers

> > <mikerodgerske5gbc@...>wrote:

> >

> > > **

> > >

> > >

> > > Mines 1,513,334 on a mk2g

> > >

> > > It's got the old pa's in the manual but the new version inside the radio.

> > > About 6 years old I think.

> > >

> > > 73

> > > Mike R

> > > Sent from my spy ring

> > >

> > > On Jul 21, 2011, at 7:56 AM, "John Geiger" <aa5jg@...> wrote:

> > >

> > > > For the MKIIG, you want a serial number of 150XXX or above.

> > > >

> > > > 73s John AA5JG

> > > >

> > > > ----- Original Message -----

> > > > From: pagan

> > > > To: ic706@yahoogroups.com

> > > > Sent: Thursday, July 21, 2011 7:07 AM

> > > > Subject: [ic706] Serial number cutoff points

> > > >

> > > > Hello; as I peruse the sites I see the question of "What is the serial

> > > number", arising frequently. I have a MkII and have been looking at the

> > > possibility of getting another 706MkII or 706MkIIG. I know that in some

> > > cases there is a problem with availability of parts, specificly,

> > transitors?

> > > Factual guidance would be appreciated. Thank you for your time and

> > > consideration,

> > > > 73,

> > > > Curt/KF5KGN

> > > >

> > > > [Non-text portions of this message have been removed]

> > > >

> > > >

> > >

> > > [Non-text portions of this message have been removed]

> > >

> > >

> > >

> >

> >

> > [Non-text portions of this message have been removed]

> >

> >

> >

> > ------------------------------------

> >

> > Yahoo! Groups Links

> >

> >

> >

> >

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 18954. Lightening hit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-25 04:53:18 UTC
From: n4eyz
Topic: 18954  Message: 18954

706 MKIIG problem

We had a substantial electrical storm this afternoon. My 706G model was on desk powered off but all cables attached. Ant is ground mounted 5BTV properly grounded for lightening protection as well as 10' rod driven into the ground where cables enter the house although the coax is not grounded at that point. (A situation that will be quickly remedied--I should know better) Rig is grounded to that 10' rod.

Just as storm seemed to be getting too close for comfort (actually woke me from a nice afternoon nap!) I disconnected coax(s) from rig. Reconnected a short while ago (clear skies) and powered up radio. No audio from speaker but audio from headphones seems almost ok. Cooling fan now runs constantly--comes on with power up---previously ran only on tx and even then I don't think it ran wide open unless I got long winded. May be wrong on that part but just don't remember hearing it this loudly. There is a very loud whine from phones that I assume is from cooling fan--very nearly masks the rx audio. Tx seems unaffected in regards to power out and all control function inputs seem ok as well but difficult to know if all rx functions are ok until I can get this cooling fan issue straightened out. For giggles and grins I did a rig reset but to no avail. Same symptoms as before. A Bird 43 was inline on the HF side and a Diawa on the VHF/UHF side and both meters are unaffected. An Astron RS-35M on DC input and it's ok as well. If any have suggestions I'd sure love to hear 'em otherwise I need your advice on who to send this to for repair. My Icom repair skills are only surpassed by my knowledge and understanding of the fairer sex.

thanks!

Wayne/n4eyz

# 18955. Re: Lightening hit?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-25 17:05:15 UTC
From: jb
Topic: 18954  Message: 18955

My first guess would have been the antenna but, if your meters are able to show a dip for the SWR, that obviously isn't it.

Next guess would be the coax from the rig. It could have chosen that time to go bad, maybe just from the handling of it.

After that ....?

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
> 706 MKIIG problem
>
> We had a substantial electrical storm this afternoon. My 706G model was on desk powered off but all cables attached. Ant is ground mounted 5BTV properly grounded for lightening protection as well as 10' rod driven into the ground where cables enter the house although the coax is not grounded at that point. (A situation that will be quickly remedied--I should know better) Rig is grounded to that 10' rod.
>
> Just as storm seemed to be getting too close for comfort (actually woke me from a nice afternoon nap!) I disconnected coax(s) from rig. Reconnected a short while ago (clear skies) and powered up radio. No audio from speaker but audio from headphones seems almost ok. Cooling fan now runs constantly--comes on with power up---previously ran only on tx and even then I don't think it ran wide open unless I got long winded. May be wrong on that part but just don't remember hearing it this loudly. There is a very loud whine from phones that I assume is from cooling fan--very nearly masks the rx audio. Tx seems unaffected in regards to power out and all control function inputs seem ok as well but difficult to know if all rx functions are ok until I can get this cooling fan issue straightened out. For giggles and grins I did a rig reset but to no avail. Same symptoms as before. A Bird 43 was inline on the HF side and a Diawa on the VHF/UHF side and both meters are unaffected. An Astron RS-35M on DC input and it's ok as well. If any have suggestions I'd sure love to hear 'em otherwise I need your advice on who to send this to for repair. My Icom repair skills are only surpassed by my knowledge and understanding of the fairer sex.
>
> thanks!
>
> Wayne/n4eyz
>

# 18956. mk2 rx audio problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-26 02:33:04 UTC
From: rupert
Topic: 18956  Message: 18956

My Icom mk2 has developed a problem,in usb and lsb mode you can see signals from stations transmitting(these confirmed by my ic7000)but there is just a lot of hash noise and no audible voice audio,there is voice audio in the am and fm modes.any help would be appreciated.
73
Rupert
6y5rw

# 18957. icom706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-28 03:20:33 UTC
From: hji9m
Topic: 18957  Message: 18957

Keys CW on side tone only . . .
Tunes fine and SSB works fine, just NO CW other than the side tone>
Anybody got any suggestions . . .?
Thanks
Jim

# 18958. Re: [ic706] icom706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-28 05:39:10 UTC
From: John Geiger
Topic: 18957  Message: 18958

Is the break-in turned on? If so, you should see the BK symbol below the mhz portion of the frequency on the display.

73s John AA5JG

----- Original Message -----
From: hji9m
To: ic706@yahoogroups.com
Sent: Thursday, July 28, 2011 3:20 AM
Subject: [ic706] icom706MKII

Keys CW on side tone only . . .
Tunes fine and SSB works fine, just NO CW other than the side tone>
Anybody got any suggestions . . .?
Thanks
Jim

[Non-text portions of this message have been removed]

# 18959. SWR meter behavior on USB

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-28 22:38:54 UTC
From: marklfriedlander
Topic: 18959  Message: 18959

I was operating on 2o meters and I noticed my SWR meter reading fluctuating.

Is it normal for the SWR reading on the meter built into my Icom 706MKIIG to vary between 1:1 and full scale when transmitting (with no audio) in USB?

When I switch the radio into RTTY mode and key the mic, the meter shows a solid 1:1.

Thanks,
Mark KV4I

# 18960. IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-28 23:38:07 UTC
From: David Westbrook
Topic: 18960  Message: 18960

I have the IC706MKII that suddenly stopped powering on ... I had a thread here last week, and the suggestions were checking the connectors. Have checked out the connectors, and also gathered more diagnostic information that's showing odd behavior ...

The PA board (measured at D12/D13/R35 && the radio-side of the molex) is at ~3V instead of 13.8V that the power supply is at.

When the PLL board connector (J5 & J6) is disconnected, the voltage at D12/D13/R35 starts low and then climbs up towards 12-13V, at about ~1V/sec, slowing towards the end -- So basically behaving like a capacitor is charging.
This behavior is the same whether or not the main board (J2 & J4) is connected.
This behavior is the same with the astron power supply and with a car battery.
C82 looks ok from a visual inspection.

So there appears to be two issues ...
A) something in the PA board is causing it to get to the 13.8V very slowly, instead of immediately.
B) something in the PLL board is pulling the power supply's 13.8V down to ~3V
(i think it's possible that PLL is ok, and this is only happening because of (A), so maybe just one issue?)

Any thoughts on possible causes or next steps to investigate?

thanks!
--david
KJ4IZW

[Non-text portions of this message have been removed]

# 18961. Re: [ic706] SWR meter behavior on USB

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-28 23:38:05 UTC
From: Mike Rodgers
Topic: 18959  Message: 18961

That sounds like something they are known for on 15m. I would start by making sure all the circuit board mounting/ground screws are tight. No it's not normal.

73
Mike R

Sent from my spy ring

On Jul 28, 2011, at 5:38 PM, "marklfriedlander" <marklfriedlander@...> wrote:

> I was operating on 2o meters and I noticed my SWR meter reading fluctuating.
>
> Is it normal for the SWR reading on the meter built into my Icom 706MKIIG to vary between 1:1 and full scale when transmitting (with no audio) in USB?
>
> When I switch the radio into RTTY mode and key the mic, the meter shows a solid 1:1.
>
> Thanks,
> Mark KV4I
>
>

[Non-text portions of this message have been removed]

# 18962. RE: [ic706] IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 00:25:25 UTC
From: Saunders, Tom
Topic: 18960  Message: 18962

David,
It sounds like you have a lot of resistance in the power supply to the radio. Can you measure the voltage right at the power connector (with the radio connected) and see what the voltage is there? Then check the first point you can reach inside as close to the power connector as possible.

Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---
From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David Westbrook [dwestbrook@...]
Sent: Thursday, July 28, 2011 4:38 PM
To: ic706@yahoogroups.com
Subject: [ic706] IC706MKII power supply issues

I have the IC706MKII that suddenly stopped powering on ... I had a thread here last week, and the suggestions were checking the connectors. Have checked out the connectors, and also gathered more diagnostic information that's showing odd behavior ...

The PA board (measured at D12/D13/R35 && the radio-side of the molex) is at ~3V instead of 13.8V that the power supply is at.

When the PLL board connector (J5 & J6) is disconnected, the voltage at D12/D13/R35 starts low and then climbs up towards 12-13V, at about ~1V/sec, slowing towards the end -- So basically behaving like a capacitor is charging.
This behavior is the same whether or not the main board (J2 & J4) is connected.
This behavior is the same with the astron power supply and with a car battery.
C82 looks ok from a visual inspection.

So there appears to be two issues ...
A) something in the PA board is causing it to get to the 13.8V very slowly, instead of immediately.
B) something in the PLL board is pulling the power supply's 13.8V down to ~3V
(i think it's possible that PLL is ok, and this is only happening because of (A), so maybe just one issue?)

Any thoughts on possible causes or next steps to investigate?

thanks!
--david
KJ4IZW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18963. Re: [ic706] IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 00:40:18 UTC
From: David Westbrook
Topic: 18960  Message: 18963

with radio connected & PS on:
* PS terminals: 13.8V
* radio-side of molex: 2.8V
* first point (D12/D13/R35; in circuit diagram is direct to molex): 2.8V

PS cable has intact fuses on both lines.

power connector seems clean, and i sqeezed the female pins a little bit,
too. continuity is there from board to PS terminals.

thanks,
--david

On Thu, Jul 28, 2011 at 8:25 PM, Saunders, Tom <tom.saunders@...>wrote:

> David,
> It sounds like you have a lot of resistance in the power supply to the
> radio. Can you measure the voltage right at the power connector (with the
> radio connected) and see what the voltage is there? Then check the first
> point you can reach inside as close to the power connector as possible.
>
> Tom Saunders
> Communications Technician,
> City Of Seattle
> 1933 Minor Ave
> Seattle, WA. 98101
> Wk 206.386.1213
> Cell 206-384-1604
>
> _____
> From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David
> Westbrook [dwestbrook@...]
> Sent: Thursday, July 28, 2011 4:38 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] IC706MKII power supply issues
>
>
>
> I have the IC706MKII that suddenly stopped powering on ... I had a thread
> here last week, and the suggestions were checking the connectors. Have
> checked out the connectors, and also gathered more diagnostic information
> that's showing odd behavior ...
>
> The PA board (measured at D12/D13/R35 && the radio-side of the molex) is at
> ~3V instead of 13.8V that the power supply is at.
>

> When the PLL board connector (J5 & J6) is disconnected, the voltage at
> D12/D13/R35 starts low and then climbs up towards 12-13V, at about ~1V/sec,
> slowing towards the end -- So basically behaving like a capacitor is
> charging.
> This behavior is the same whether or not the main board (J2 & J4) is
> connected.
> This behavior is the same with the astron power supply and with a car
> battery.
> C82 looks ok from a visual inspection.
>
> So there appears to be two issues ...
> A) something in the PA board is causing it to get to the 13.8V very
> slowly, instead of immediately.
> B) something in the PLL board is pulling the power supply's 13.8V down to
> ~3V
> (i think it's possible that PLL is ok, and this is only happening
> because of (A), so maybe just one issue?)
>
> Any thoughts on possible causes or next steps to investigate?
>
> thanks!
> --david
> KJ4IZW
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 18964. RE: [ic706] SWR meter behavior on USB

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 00:51:21 UTC
From: Warren, Edward F
Topic: 18959  Message: 18964

I had a similar problem that also occurred on 17m. It seemed fine with a dummy load - making me suspect the antenna. However, the radio was unstable - putting out a spurious signal somewhere near 22 MHz - which would have a high SWR on most any antenna (but not a dummy load of course). Loosening and re-tightening all the circuit board screws did resolve the problem. I also cleaned the spring ground connections to the case. When putting the covers back on - tighten the screws twice since the first ones you tighten will become looser as you go around the case. Good luck.

73, Ed K8RD

_____
From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Mike Rodgers [mikerodgerske5gbc@...]
Sent: Thursday, July 28, 2011 7:38 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] SWR meter behavior on USB

That sounds like something they are known for on 15m. I would start by making sure all the circuit board mounting/ground screws are tight. No it's not normal.

73
Mike R

Sent from my spy ring

On Jul 28, 2011, at 5:38 PM, "marklfriedlander" <marklfriedlander@...> wrote:

> I was operating on 2o meters and I noticed my SWR meter reading fluctuating.
>
> Is it normal for the SWR reading on the meter built into my Icom 706MKIIG to vary between 1:1 and full scale when transmitting (with no audio) in USB?
>
> When I switch the radio into RTTY mode and key the mic, the meter shows a solid 1:1.
>
> Thanks,
> Mark KV4I
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

http://docs.yahoo.com/info/terms/

# 18965. Re: [ic706] IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 00:44:48 UTC
From: Jack Foster
Topic: 18960  Message: 18965

David
That clearly shows the connection is bad there, clean them well and make
sure they fit tight you should be good then.
On Jul 28, 2011 8:40 PM, "David Westbrook" <dwestbrook@...> wrote:
> with radio connected & PS on:
> * PS terminals: 13.8V
> * radio-side of molex: 2.8V
> * first point (D12/D13/R35; in circuit diagram is direct to molex): 2.8V
>
> PS cable has intact fuses on both lines.
>
> power connector seems clean, and i sqeezed the female pins a little bit,
> too. continuity is there from board to PS terminals.
>
> thanks,
> --david
>
> On Thu, Jul 28, 2011 at 8:25 PM, Saunders, Tom <tom.saunders@...
>wrote:
>
>> David,
>> It sounds like you have a lot of resistance in the power supply to the
>> radio. Can you measure the voltage right at the power connector (with the
>> radio connected) and see what the voltage is there? Then check the first
>> point you can reach inside as close to the power connector as possible.
>>
>> Tom Saunders
>> Communications Technician,
>> City Of Seattle
>> 1933 Minor Ave
>> Seattle, WA. 98101
>> Wk 206.386.1213
>> Cell 206-384-1604
>>
>> _____
>> From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David
>> Westbrook [dwestbrook@...]
>> Sent: Thursday, July 28, 2011 4:38 PM
>> To: ic706@yahoogroups.com
>> Subject: [ic706] IC706MKII power supply issues
>>
>>
>>
>> I have the IC706MKII that suddenly stopped powering on ... I had a thread
>> here last week, and the suggestions were checking the connectors. Have

>> checked out the connectors, and also gathered more diagnostic information
>> that's showing odd behavior ...
>>
>> The PA board (measured at D12/D13/R35 && the radio-side of the molex) is
at
>> ~3V instead of 13.8V that the power supply is at.
>>
>> When the PLL board connector (J5 & J6) is disconnected, the voltage at
>> D12/D13/R35 starts low and then climbs up towards 12-13V, at about
~1V/sec,
>> slowing towards the end -- So basically behaving like a capacitor is
>> charging.
>> This behavior is the same whether or not the main board (J2 & J4) is
>> connected.
>> This behavior is the same with the astron power supply and with a car
>> battery.
>> C82 looks ok from a visual inspection.
>>
>> So there appears to be two issues ...
>> A) something in the PA board is causing it to get to the 13.8V very
>> slowly, instead of immediately.
>> B) something in the PLL board is pulling the power supply's 13.8V down to
>> ~3V
>> (i think it's possible that PLL is ok, and this is only happening
>> because of (A), so maybe just one issue?)
>>
>> Any thoughts on possible causes or next steps to investigate?
>>
>> thanks!
>> --david
>> KJ4IZW
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>>
>

>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 18966. RE: [ic706] IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 02:00:36 UTC
From: Saunders, Tom
Topic: 18960  Message: 18966

David, I think you have found your problem. There is a loss of voltage in the supply reaching the radio. You stated the fuses are intact. Are you checking them with an ohmmeter? How about with everything connected? What is the voltage at the radio side of the fuses? I have seen (more times than I can count) the white ceramic fuses measure OK with an ohmmeter, but very lossy when current is drawn through them.

Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---

From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of David Westbrook [dwestbrook@...]
Sent: Thursday, July 28, 2011 5:40 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC706MKII power supply issues

with radio connected & PS on:
* PS terminals: 13.8V
* radio-side of molex: 2.8V
* first point (D12/D13/R35; in circuit diagram is direct to molex): 2.8V

PS cable has intact fuses on both lines.

power connector seems clean, and i sqeezed the female pins a little bit, too. continuity is there from board to PS terminals.

thanks,
--david

On Thu, Jul 28, 2011 at 8:25 PM, Saunders, Tom <tom.saunders@seattle.gov<mailto:tom.saunders%40seattle.gov>>wrote:

> David,
> It sounds like you have a lot of resistance in the power supply to the
> radio. Can you measure the voltage right at the power connector (with the
> radio connected) and see what the voltage is there? Then check the first
> point you can reach inside as close to the power connector as possible.
>
> Tom Saunders
> Communications Technician,
> City Of Seattle
> 1933 Minor Ave
> Seattle, WA. 98101

> Wk 206.386.1213
> Cell 206-384-1604
>
> _____
> From: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
[ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>] On Behalf Of David
> Westbrook [dwestbrook@...<mailto:dwestbrook%40gmail.com>]
> Sent: Thursday, July 28, 2011 4:38 PM
> To: ic706@yahoogroups.com<mailto:ic706%40yahoogroups.com>
> Subject: [ic706] IC706MKII power supply issues
>
>
>
> I have the IC706MKII that suddenly stopped powering on ... I had a thread
> here last week, and the suggestions were checking the connectors. Have
> checked out the connectors, and also gathered more diagnostic information
> that's showing odd behavior ...
>
> The PA board (measured at D12/D13/R35 && the radio-side of the molex) is at
> ~3V instead of 13.8V that the power supply is at.
>
> When the PLL board connector (J5 & J6) is disconnected, the voltage at
> D12/D13/R35 starts low and then climbs up towards 12-13V, at about ~1V/sec,
> slowing towards the end -- So basically behaving like a capacitor is
> charging.
> This behavior is the same whether or not the main board (J2 & J4) is
> connected.
> This behavior is the same with the astron power supply and with a car
> battery.
> C82 looks ok from a visual inspection.
>
> So there appears to be two issues ...
> A) something in the PA board is causing it to get to the 13.8V very
> slowly, instead of immediately.
> B) something in the PLL board is pulling the power supply's 13.8V down to
> ~3V
> (i think it's possible that PLL is ok, and this is only happening
> because of (A), so maybe just one issue?)
>
> Any thoughts on possible causes or next steps to investigate?
>
> thanks!
> --david
> KJ4IZW
>
> [Non-text portions of this message have been removed]
>
>
>
>

>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18967. Re: [ic706] SWR meter behavior on USB

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 02:39:42 UTC
From: Mark Friedlander
Topic: 18959  Message: 18967

The plot thickens. Now, I'm seeing intermittent high SWR on 20 meters when I test using RTTY mode. SWR is low most time, then periodically, it tests high. Looks like my meter's good. I checked it against an external meter and saw the same intermittent SWR.

This problem just surfaced a week ago after months of trouble free operation. I'm guessing I'm going to have to go tighten up the clamps on my 6BTV vertical antenna.

Thanks,
Mark KV4I

On Thu, Jul 28, 2011 at 7:38 PM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> That sounds like something they are known for on 15m. I would start by
> making sure all the circuit board mounting/ground screws are tight. No it's
> not normal.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Jul 28, 2011, at 5:38 PM, "marklfriedlander" <
> marklfriedlander@...m> wrote:
>
> > I was operating on 2o meters and I noticed my SWR meter reading
> fluctuating.
> >
> > Is it normal for the SWR reading on the meter built into my Icom 706MKIIG
> to vary between 1:1 and full scale when transmitting (with no audio) in USB?
> >
> > When I switch the radio into RTTY mode and key the mic, the meter shows a
> solid 1:1.
> >
> > Thanks,
> > Mark KV4I
> >
> >
>
> [Non-text portions of this message have been removed]
>

>
>

[Non-text portions of this message have been removed]

# 18968. Re: [ic706] IC706MKII power supply issues

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 04:13:11 UTC
From: Facility 406 DM09
Topic: 18960  Message: 18968

: with radio connected & PS on:
: * PS terminals: 13.8V
: * radio-side of molex: 2.8V
: * first point (D12/D13/R35; in circuit diagram is direct to molex): 2.8V

That narrows it down to everyhting but the radio. Could be a bad power supply, connection at the supply, wire or molex at the and of the wire or on the radio.

I DID have an Astron supply do this once, 13.8 under no load, then even under a few hundred mA, suddenly drop to about 2.5 volts. I found a bad transistor inside.

What about oxidation on the connectors? I had a problem with this once.

Kurt

# 18969. Re: [ic706] SWR meter behavior on USB

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 11:49:15 UTC
From: Mike Rodgers
Topic: 18959  Message: 18969

One thing to look for which happens on 15 and maybe 17 is I think a oscillation and when looking at a cross needle watt meter both needles go straight up. Hopefully tightening those clamps will help. Possible pl259 issue also.

73
Mike R

Sent from my spy ring

On Jul 28, 2011, at 9:39 PM, Mark Friedlander <marklfriedlander@...> wrote:

> The plot thickens. Now, I'm seeing intermittent high SWR on 20 meters when I
> test using RTTY mode. SWR is low most time, then periodically, it tests
> high. Looks like my meter's good. I checked it against an external meter and
> saw the same intermittent SWR.
>
> This problem just surfaced a week ago after months of trouble free
> operation. I'm guessing I'm going to have to go tighten up the clamps on my
> 6BTV vertical antenna.
>
> Thanks,
> Mark KV4I
>
>
> On Thu, Jul 28, 2011 at 7:38 PM, Mike Rodgers
> <mikerodgerske5gbc@...>wrote:
>
>> **
>>
>>
>> That sounds like something they are known for on 15m. I would start by
>> making sure all the circuit board mounting/ground screws are tight. No it's
>> not normal.
>>
>> 73
>> Mike R
>>
>> Sent from my spy ring
>>
>> On Jul 28, 2011, at 5:38 PM, "marklfriedlander" <
>> marklfriedlander@...> wrote:
>>
>>> I was operating on 2o meters and I noticed my SWR meter reading
>> fluctuating.
>>>
>>> Is it normal for the SWR reading on the meter built into my Icom 706MKIIG

>> to vary between 1:1 and full scale when transmitting (with no audio) in USB?
>>>
>>> When I switch the radio into RTTY mode and key the mic, the meter shows a
>> solid 1:1.
>>>
>>> Thanks,
>>> Mark KV4I
>>>
>>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18970. MK2 repair

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 12:59:06 UTC
From: rupert
Topic: 18970  Message: 18970

Did a post recently re my audio problem,got no response,can someone recommend a tech to send the rig to for repair.
thanks
6y5rw

# 18971. Re: [ic706] MK2 repair

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 13:40:14 UTC
From: Alan Beagley
Topic: 18970  Message: 18971

On 07/29/11 08:59 am, rupert wrote:

> Did a post recently re my audio problem,got no response,can someone recommend a tech to send the rig to for repair.
> thanks

Icom Service Center Michigan (Matt Adrian), located in St. Joseph MI
took care of mine a few years back. I am very satisfied. See my more
comprehensive review on eham.net.

Icom Service Center - Michigan
(269) 429-2334
1792 Nash Drive
St. Joseph, Mi 49085

His Web site is http://www.sarts1.com

73

Alan NV8A

# 18972. Re: [ic706] MK2 repair

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 13:54:20 UTC
From: Larry J. Ford
Topic: 18970  Message: 18972

I second that recommendation of Matt Adrian.

His shop is the only shop that has worked on my ICOM radios.

Top-notch technical service, first-class guy.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Alan Beagley
To: ic706@yahoogroups.com
Cc: rupert
Sent: Friday, July 29, 2011 9:40 AM
Subject: Re: [ic706] MK2 repair

On 07/29/11 08:59 am, rupert wrote:

> Did a post recently re my audio problem,got no response,can someone recommend a tech to send the rig to for repair.
> thanks

Icom Service Center Michigan (Matt Adrian), located in St. Joseph MI
took care of mine a few years back. I am very satisfied. See my more
comprehensive review on eham.net.

Icom Service Center - Michigan
(269) 429-2334
1792 Nash Drive
St. Joseph, Mi 49085

His Web site is http://www.sarts1.com

73

Alan NV8A

[Non-text portions of this message have been removed]

# 18973. Re: [ic706] MK2 repair

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-29 16:27:26 UTC
From: John Geiger
Topic: 18970  Message: 18973

Scott Malcom at MTS comes with very high recommendations as well.

73s John AA5JG

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Cc: rupert
Sent: Friday, July 29, 2011 1:54 PM
Subject: Re: [ic706] MK2 repair

I second that recommendation of Matt Adrian.

His shop is the only shop that has worked on my ICOM radios.

Top-notch technical service, first-class guy.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Alan Beagley
To: ic706@yahoogroups.com
Cc: rupert
Sent: Friday, July 29, 2011 9:40 AM
Subject: Re: [ic706] MK2 repair

On 07/29/11 08:59 am, rupert wrote:

> Did a post recently re my audio problem,got no response,can someone recommend a tech to send the rig to for repair.
> thanks

Icom Service Center Michigan (Matt Adrian), located in St. Joseph MI
took care of mine a few years back. I am very satisfied. See my more
comprehensive review on eham.net.

Icom Service Center - Michigan
(269) 429-2334
1792 Nash Drive
St. Joseph, Mi 49085

His Web site is http://www.sarts1.com

73

Alan NV8A

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18974. PLL Unit for the 706 MK1

Yahoo group: ic706 (2010 — 2015)
Date: 2011-07-30 01:42:45 UTC
From: Dihan Angelo
Topic: 18974  Message: 18974

Hi

where can i get a working PLL board for the IC-706 MK1 in working order?

Thanks

Dihan Angelo De Silva facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 18975. WTB: Icom FL101 or FL232

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-02 02:36:54 UTC
From: John Geiger
Topic: 18975  Message: 18975

I am looking for an Icom FL101 (250hz) or FL232 (350hz) CW filter for an Icom 706. Anyone have an extra one available? Can pay with paypal or MO.

73s John AA5JG

[Non-text portions of this message have been removed]

# 18976. Re: [ic706] WTB: Icom FL101 or FL232

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-02 02:45:36 UTC
From: Art galvz
Topic: 18975  Message: 18976

a person has one listed on QTH.COM for today 08-01-11

give it a try.
73,
Art

From: John Geiger <aa5jg@...>
To: ic706@yahoogroups.com; ICOM Reflector <icom@...>; ham4sale@yahoogroups.com; forsale-swap@...
Sent: Monday, August 1, 2011 7:36 PM
Subject: [ic706] WTB: Icom FL101 or FL232

I am looking for an Icom FL101 (250hz) or FL232 (350hz) CW filter for an Icom 706. Anyone have an extra one available? Can pay with paypal or MO.

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 18977. Icom 706mk2: No Mic power out.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 09:17:58 UTC
From: rodbender2007
Topic: 18977  Message: 18977

Hi,
I have an Icom706 mk2 which has recently stopped transmitting audio on ssb and 2mtrs FM.

It works fine in digital modes,(I have made several contacts using psk31), but when using the mic there is no meter movement on ssb when talking or whistling into the mic. On monitoring 2mtrs there is a carrier but no audio. The tone burst can be heard on the repeater inputs.

I tried to use it in vox mode on ssb and the ptt is not latching at all.

I have tried both the original mic and my Heil Proset headset with the same results. I have also tried doing a factory reset but still get the same problem.

Any advice or help with this would be greatly appreciated.

Thanks
George.
G0RLF

# 18978. IC706MKIIG Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 13:50:21 UTC
From: g3vfp
Topic: 18978  Message: 18978

Hi guys

When powering up my IC706MKIIG we had a momentary power failure which mean the psu came on then off, then on again within a second or two.

The result was that there now seems to be a problem with the controlling micro. The radio sits there after switch on doing nothing, ie in a state of flux nothing working other than the fan runs. Then after an unplug of the dc supply and then switching back on it hangs in limbo making audiable bursts of tone like cw and eventually the display comes up, and everything appears to function normally. Until that is I power off again, and have to hope that the micro sorts itself out and it works. That is haphazard though.

Is there any common problem resolution like a regulator or micro reset component which may be the cause. Whilst it is in the state of limbo I have checked the input volts, and IC281 the 8V regulator (the only one I can get access to on the pll board without taking out the UT106 module) and that gives an output of 7.98V which appears fine.

Any thoughts welcome.

Cheers

Dave G3VFP

# 18979. Re: IC706MKIIG Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 14:39:59 UTC
From: Wayne Bowyer
Topic: 18978  Message: 18979

Try a CPU reset. Hold down the up and down buttons and then power up the rig.

73
Wayne,n4eyz

[Non-text portions of this message have been removed]

# 18980. Re: Icom 706mk2: No Mic power out.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 15:00:50 UTC
From: gw0div@btinternet.com
Topic: 18977  Message: 18980

Have you tried the rear mic socket?

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "rodbender2007" <g0rlf@...> wrote:
>
> Hi,
> I have an Icom706 mk2 which has recently stopped transmitting audio on ssb and 2mtrs FM.
>
> It works fine in digital modes,(I have made several contacts using psk31), but when using the mic there is no meter movement on ssb when talking or whistling into the mic. On monitoring 2mtrs there is a carrier but no audio. The tone burst can be heard on the repeater inputs.
>
> I tried to use it in vox mode on ssb and the ptt is not latching at all.
>
> I have tried both the original mic and my Heil Proset headset with the same results. I have also tried doing a factory reset but still get the same problem.
>
> Any advice or help with this would be greatly appreciated.
>
> Thanks
> George.
> G0RLF
>

# 18981. Re: [ic706] Re: Icom 706mk2: No Mic power out.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 15:04:44 UTC
From: Mark Grybos
Topic: 18977  Message: 18981

Bad mic element my mic went bad and did the same thing also make sure you have the mic gain up..i know its a simple thing but we can overlook the simple things..Mark N3DHE
----- Original Message -----
From: gw0div@...
To: ic706@yahoogroups.com
Sent: Tuesday, August 09, 2011 11:00 AM
Subject: [ic706] Re: Icom 706mk2: No Mic power out.

Have you tried the rear mic socket?

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "rodbender2007" <g0rlf@...> wrote:
>
> Hi,
> I have an Icom706 mk2 which has recently stopped transmitting audio on ssb and 2mtrs FM.
>
> It works fine in digital modes,(I have made several contacts using psk31), but when using the mic there is no meter movement on ssb when talking or whistling into the mic. On monitoring 2mtrs there is a carrier but no audio. The tone burst can be heard on the repeater inputs.
>
> I tried to use it in vox mode on ssb and the ptt is not latching at all.
>
> I have tried both the original mic and my Heil Proset headset with the same results. I have also tried doing a factory reset but still get the same problem.
>
> Any advice or help with this would be greatly appreciated.
>
> Thanks
> George.
> G0RLF
>

[Non-text portions of this message have been removed]

# 18982. Re: IC706MKIIG Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-09 16:13:40 UTC
From: g3vfp
Topic: 18978  Message: 18982

Hi Wayne

That was my first action hi. If I power down and bring the rig back on then it simply sits there, and the only way you would know it had power is I can hear the relay click in, and the fan powers up. Other than that nothing. Then if I persevere so to say and unplug the dc supply leaving the radio switched on, it will go through only an audiable process of odd tones or low level noises, then eventually it springs into life with everything working. If I power off and try to power up to get into the main menu settings it won't do any other than I mentioned before. So it isn't a question of simply putting it back to factory default....I wish it was hi.

Cheers

Dave

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> Try a CPU reset. Hold down the up and down buttons and then power up the
> rig.
>
> 73
> Wayne,n4eyz
>
>
> [Non-text portions of this message have been removed]
>

# 18985. Smoke from 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 08:02:14 UTC
From: david
Topic: 18985  Message: 18985

Hi all, I have a 706mk11g, the other day day my little grandaughter turned the power up on my power supply to nearly 30 volts. Not knowing this I turned the power supply on and the 706 got the full voltage and lots of thick smoke came from around the power socket, anyway I reset the power supply and turned on the 706 and it appears to work normally on all modes and bands etc. good job the 706 was not turned on with all that voltage present, well I am wondering what caused the smoke from the rear and should I have the 706 checked out?
Thanks all David.

# 18986. Re: Hi

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 08:19:07 UTC
From: aceblaggard
Topic: 18983  Message: 18986

What makes you think that A, we haven't already and B, reposting it in full to the list rather than in a private mail is a good thing to do?

--- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@...> wrote:
>
> Moderators please address this
> On Aug 9, 2011 9:30 PM, "Spires Spam" <spiresspam@...> wrote:

# 18987. Re: Smoke from 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 12:24:11 UTC
From: n4eyz
Topic: 18985  Message: 18987

Everyone should know that electronic components run on "smoke". You let the smoke out and it fails either immediately or eventually! :)

I would at least pull the covers to inspect. Something has obviously burned and even if it works fine now.....I wouldn't expect it to for long.

I just yesterday got my 706g back from being repaired for lightning damage. Mike Nadeau n1eq.com -- did a marvelous job on mine and is quick.

Wayne

--- In ic706@yahoogroups.com, "david" <dwebbg6jor@...> wrote:
>
> Hi all, I have a 706mk11g, the other day day my little grandaughter turned the power up on my power supply to nearly 30 volts. Not knowing this I turned the power supply on and the 706 got the full voltage and lots of thick smoke came from around the power socket, anyway I reset the power supply and turned on the 706 and it appears to work normally on all modes and bands etc. good job the 706 was not turned on with all that voltage present, well I am wondering what caused the smoke from the rear and should I have the 706 checked out?
> Thanks all David.
>

# 18988. RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 14:10:32 UTC
From: John Geiger
Topic: 18988  Message: 18988

I see from the manual for the Icom 706 original that the AF out audio is available from the mic connector, much like it is from the ACC connector. The manual doesn't state, though, if this audio is fixed level or controlled by the AF gain. Does anyone know this? I am trying to come up with a simple AFSK/digital interface using only the mic connector (and VOX). Has anyone designed one this way, or know of commercially available products using the mic connector for both audio in and out?

73s John AA5JG

[Non-text portions of this message have been removed]

# 18989. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 15:01:03 UTC
From: Mike Rodgers
Topic: 18988  Message: 18989

On my mk2g the traveller headset gets rx audio from the plug and I have tapped that to a dsp filter. It is adjusted by the af gain control.

73
Mike R

Sent from my spy ring

On Aug 10, 2011, at 9:10 AM, John Geiger <aa5jg@fidmail.com> wrote:

> I see from the manual for the Icom 706 original that the AF out audio is
> available from the mic connector, much like it is from the ACC connector.
> The manual doesn't state, though, if this audio is fixed level or controlled
> by the AF gain. Does anyone know this? I am trying to come up with a
> simple AFSK/digital interface using only the mic connector (and VOX). Has
> anyone designed one this way, or know of commercially available products
> using the mic connector for both audio in and out?
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 18990. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 15:10:18 UTC
From: John Geiger
Topic: 18988  Message: 18990

Thanks Mike,

Good to know that.

73s John AA5JG

On Wed, Aug 10, 2011 at 10:01 AM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> On my mk2g the traveller headset gets rx audio from the plug and I have
> tapped that to a dsp filter. It is adjusted by the af gain control.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Aug 10, 2011, at 9:10 AM, John Geiger <aa5jg@...> wrote:
>
> > I see from the manual for the Icom 706 original that the AF out audio is
> > available from the mic connector, much like it is from the ACC connector.
> > The manual doesn't state, though, if this audio is fixed level or
> controlled
> > by the AF gain. Does anyone know this? I am trying to come up with a
> > simple AFSK/digital interface using only the mic connector (and VOX). Has
> > anyone designed one this way, or know of commercially available products
> > using the mic connector for both audio in and out?
> >
> > 73s John AA5JG
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 18991. Re: IC706MKIIG Problem Solved

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 15:53:09 UTC
From: g3vfp
Topic: 18978  Message: 18991

Hi guys

thanks for your considered input. I found the problem today. Moved the audio dsp pcb out of the way so I could get at IC291, and IC271 on the PLL board.
The problem turned out to be the TA7805F 5V regulator. I replaced it
with a chassis mounted 7805 which I fitted on the case side wall, and all working fine. How the 7805F ever received adequate heat sinking from the pcb ground plane who knows!.

Regards

Dave G3VFP

--- In ic706@yahoogroups.com, "g3vfp" <g3vfp@...> wrote:
>
>
> Hi Wayne
>
> That was my first action hi. If I power down and bring the rig back on then it simply sits there, and the only way you would know it had power is I can hear the relay click in, and the fan powers up. Other than that nothing. Then if I persevere so to say and unplug the dc supply leaving the radio switched on, it will go through only an audiable process of odd tones or low level noises, then eventually it springs into life with everything working. If I power off and try to power up to get into the main menu settings it won't do any other than I mentioned before. So it isn't a question of simply putting it back to factory default....I wish it was hi.
>
> Cheers
>
> Dave
>
>
> --- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@> wrote:
> >
> > Try a CPU reset. Hold down the up and down buttons and then power up the
> > rig.
> >
> > 73
> > Wayne,n4eyz
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 18992. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 16:18:03 UTC
From: John Geiger
Topic: 18988  Message: 18992

Hi Mike,

Do you know if the audio is cut off if you insert headphones into the
headphones jack, like it is with the internal speaker?

73s John AA5JG

On Wed, Aug 10, 2011 at 10:01 AM, Mike Rodgers
<mikerodgerske5gbc@yahoo.com>wrote:

> **
>
>
> On my mk2g the traveller headset gets rx audio from the plug and I have
> tapped that to a dsp filter. It is adjusted by the af gain control.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Aug 10, 2011, at 9:10 AM, John Geiger <aa5jg@...> wrote:
>
> > I see from the manual for the Icom 706 original that the AF out audio is
> > available from the mic connector, much like it is from the ACC connector.
> > The manual doesn't state, though, if this audio is fixed level or
> controlled
> > by the AF gain. Does anyone know this? I am trying to come up with a
> > simple AFSK/digital interface using only the mic connector (and VOX). Has
> > anyone designed one this way, or know of commercially available products
> > using the mic connector for both audio in and out?
> >
> > 73s John AA5JG
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 18993. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 16:38:42 UTC
From: Mike Rodgers
Topic: 18988  Message: 18993

John, verified it does not cut off when inserting headphone on front.

73
Mike R

Sent from my spy ring

On Aug 10, 2011, at 11:18 AM, John Geiger <aa5jg@...> wrote:

> Hi Mike,
>
> Do you know if the audio is cut off if you insert headphones into the
> headphones jack, like it is with the internal speaker?
>
> 73s John AA5JG
>
> On Wed, Aug 10, 2011 at 10:01 AM, Mike Rodgers
> <mikerodgerske5gbc@...>wrote:
>
>> **
>>
>>
>> On my mk2g the traveller headset gets rx audio from the plug and I have
>> tapped that to a dsp filter. It is adjusted by the af gain control.
>>
>> 73
>> Mike R
>>
>> Sent from my spy ring
>>
>> On Aug 10, 2011, at 9:10 AM, John Geiger <aa5jg@...> wrote:
>>
>>> I see from the manual for the Icom 706 original that the AF out audio is
>>> available from the mic connector, much like it is from the ACC connector.
>>> The manual doesn't state, though, if this audio is fixed level or
>> controlled
>>> by the AF gain. Does anyone know this? I am trying to come up with a
>>> simple AFSK/digital interface using only the mic connector (and VOX). Has
>>> anyone designed one this way, or know of commercially available products
>>> using the mic connector for both audio in and out?
>>>
>>> 73s John AA5JG
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>

>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 18994. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 16:46:31 UTC
From: John Geiger
Topic: 18988  Message: 18994

Thanks for checking that out Mike. Things are looking more promising.

73s John AA5JG

On Wed, Aug 10, 2011 at 11:38 AM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> John, verified it does not cut off when inserting headphone on front.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Aug 10, 2011, at 11:18 AM, John Geiger <aa5jg@...> wrote:
>
> > Hi Mike,
> >
> > Do you know if the audio is cut off if you insert headphones into the
> > headphones jack, like it is with the internal speaker?
> >
> > 73s John AA5JG
> >
> > On Wed, Aug 10, 2011 at 10:01 AM, Mike Rodgers
> > <mikerodgerske5gbc@...>wrote:
> >
> >> **
> >>
> >>
> >> On my mk2g the traveller headset gets rx audio from the plug and I have
> >> tapped that to a dsp filter. It is adjusted by the af gain control.
> >>
> >> 73
> >> Mike R
> >>
> >> Sent from my spy ring
>
> >>
> >> On Aug 10, 2011, at 9:10 AM, John Geiger <aa5jg@...> wrote:
> >>
> >>> I see from the manual for the Icom 706 original that the AF out audio
> is
> >>> available from the mic connector, much like it is from the ACC

> connector.
> >>> The manual doesn't state, though, if this audio is fixed level or
> >> controlled
> >>> by the AF gain. Does anyone know this? I am trying to come up with a
> >>> simple AFSK/digital interface using only the mic connector (and VOX).
> Has
> >>> anyone designed one this way, or know of commercially available
> products
> >>> using the mic connector for both audio in and out?
> >>>
> >>> 73s John AA5JG
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> > >
> > >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

# 18995. Re: [ic706] RJ45 mic jack question

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-10 16:50:31 UTC
From: Mike Rodgers
Topic: 18988  Message: 18995

John, what I did since the 706 has two mic jacks is to purchase a computer patch cord with rj 45 and spliced in to the audio line to go to my mfj tunable dsp audio filter.

73
Mike R

Sent from my spy ring

# 18996. Island Activation SPECIAL PREFIX

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-12 12:51:59 UTC
From: ivan
Topic: 18996  Message: 18996

ISLA DE LA GRACIOSA LOCATOR IL39FF ACTIVO 2 SEPTIEMBRE 2011 A 15 DE SEPTIEMBRE 2011
SPECIAL PREFIX EE8YG
BANDAS 6, 10, 12, 15, 17, 20, 40 SSB FONIA

I WILL BE ACTIVE SEPTEMBER 2 TO SEPTEMBER 15 /2011

BANDS 6, 10, 12, 15, 17, 20, 40 SSB (NO CW NO DIGITAL MODS)

Antennas:

ATAS 120A Vs BUDSTICK

73´s IVAN EA8YG

# 18997. service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-12 21:21:51 UTC
From: Lars Kvant
Topic: 18997  Message: 18997

Hi everybody
Does anybody know, were to download the service manual for 706 MkII ?
Have run into a cold solder, found it, but need the partvalue, and the location on the mainboard....
(so I can tell the repairman)

Thanks!

# 18998. RE: [ic706] service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-12 21:26:33 UTC
From: Saunders, Tom
Topic: 18997  Message: 18998

http://www.mods.dk/downloadmanual.php?RefFil=IC-706MK2_Service_manual.zip&radio=

Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---

From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Lars Kvant [sm7fyw@...]
Sent: Friday, August 12, 2011 2:21 PM
To: ic706@yahoogroups.com
Subject: [ic706] service manual for mkII

Hi everybody
Does anybody know, were to download the service manual for 706 MkII ?
Have run into a cold solder, found it, but need the partvalue, and the location on the mainboard....
(so I can tell the repairman)

Thanks!

[Non-text portions of this message have been removed]

# 18999. RE: [ic706] service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-12 22:55:32 UTC
From: Jan
Topic: 18997  Message: 18999

Lars,

You can download it from Rigpix, on the bottom of this page. Both the user and the service manual. Lycka till

http://www.rigpix.com/icom/ic706mkiig.htm

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Lars Kvant
Sent: Friday, August 12, 2011 11:22 PM
To: ic706@yahoogroups.com
Subject: [ic706] service manual for mkII

Hi everybody
Does anybody know, were to download the service manual for 706 MkII ?
Have run into a cold solder, found it, but need the partvalue, and the location on the mainboard....
(so I can tell the repairman)

Thanks!

[Non-text portions of this message have been removed]

# 19000. Re: service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 00:25:59 UTC
From: Lars Kvant
Topic: 18997  Message: 19000

Thanks Tom!

--- In ic706@yahoogroups.com, "Saunders, Tom" <tom.saunders@...> wrote:
>
> http://www.mods.dk/downloadmanual.php?RefFil=IC-706MK2_Service_manual.zip&radio=
> Tom Saunders
> Communications Technician,
> City Of Seattle
> 1933 Minor Ave
> Seattle, WA. 98101
> Wk 206.386.1213
> Cell 206-384-1604
>
> _____
> From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Lars Kvant [sm7fyw@...]
> Sent: Friday, August 12, 2011 2:21 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] service manual for mkII
>
>
>
> Hi everybody
> Does anybody know, were to download the service manual for 706 MkII ?
> Have run into a cold solder, found it, but need the partvalue, and the location on the
mainboard....
> (so I can tell the repairman)
>
> Thanks!
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19001. 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 00:34:25 UTC
From: n4eyz
Topic: 19001  Message: 19001

Would it be improper of me to tell of a good experience with getting my 706 repaired? I'm not trying to conduct business but I just think this particular guy does one heck of a job repairing stuff. But I don't want to cross any lines.

Wayne/n4eyz

# 19002. Re: [ic706] 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 02:38:09 UTC
From: Dihan Angelo
Topic: 19001  Message: 19002

hi

and whos the guy?????

Dihan Angelo De Silva facebook.com/dihanangelo

--- On Fri, 12/8/11, n4eyz <wayne.bowyer@...> wrote:

From: n4eyz <wayne.bowyer@...>
Subject: [ic706] 706 REPAIR
To: ic706@yahoogroups.com
Date: Friday, 12 August, 2011, 17:34

Would it be improper of me to tell of a good experience with getting my 706 repaired? I'm not trying to conduct business but I just think this particular guy does one heck of a job repairing stuff. But I don't want to cross any lines.

Wayne/n4eyz

[Non-text portions of this message have been removed]

# 19003. Re: [ic706] 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 02:47:54 UTC
From: Wayne Bowyer
Topic: 19001  Message: 19003

Mike Nadeau N1EQ.com

He did a bang-up job on my 706 and was very reasonable, quick and honest!

Wayne/n4eyz

[Non-text portions of this message have been removed]

# 19004. Re: [ic706] 706 REPAIR - SAR Technical Services - Matt Adrian

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 02:59:45 UTC
From: LARRY J. FORD
Topic: 19004  Message: 19004

And others (like me)have had excellent results with Matt Adrian, owner of SAR Technical Services in Michigan, an ICOM Authorized Service Center.
http://www.sarts1.com

Check Matt's rating on eHam: http://www.eham.net/reviews/detail/5629?page=1

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 12 Aug 2011 10:48:52 PM EDT
From: Wayne Bowyer <wayne.bowyer@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 REPAIR

> Mike Nadeau N1EQ.com
>
> He did a bang-up job on my 706 and was very reasonable, quick and honest!
>
> Wayne/n4eyz
>
>
> [Non-text portions of this message have been removed]
>
>

# 19005. Re: [ic706] 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-13 16:29:14 UTC
From: Mike Rodgers
Topic: 19001  Message: 19005

Ive heard of a guy in the northeast, maybe New York. That may be the same guy.
Matt in Michigan is probally the most known.

73
Mike R

Sent from my spy ring

On Aug 12, 2011, at 9:47 PM, Wayne Bowyer <wayne.bowyer@...m> wrote:

> Mike Nadeau N1EQ.com
>
> He did a bang-up job on my 706 and was very reasonable, quick and honest!
>
> Wayne/n4eyz
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19006. FL101 and RTTY

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-14 14:18:08 UTC
From: John Geiger
Topic: 19006  Message: 19006

I currently have the FL100 installed in my Icom 706 original (the model with 1 filter slot) and it does a pretty good job, but would also like something a little narrower. I have found a good deal on the FL101 250hz CW filter. I also hope to start running the 706 on RTTY soon. Will a 250hz filter work with RTTY? I know that RTTY uses a 170hz split which should work, but is 250hz a little too narrow to adequately tune around for RTTY signals? I will be using AFSK, not true RTTY, if that makes a difference.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19007. Re: [ic706] FL101 and RTTY

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-14 14:42:03 UTC
From: Ralph Mowery
Topic: 19006  Message: 19007

The 250 hz filter will work fine on rtty as far as the band width.  I think you may run into one other problem if you try to use the AFSK with that filter.  It has been several years ago that I had a 706 with the 350 or whatever hz filter that was so I may be remembering wrong.  It sets the tones below 1000 hz that will pass through the filter.  I think you can fool it  by telling the menue that you hae another type of filter installed. Mine was the mk2G so it may act differantly.  When running the afsk for rtty you need to have the tone pair set for atleast 1500 hz for the mark tone.  This helps with the harmonics that may be generated when using the afsk for rtty.

The narrow band width will make it somewhat difficult to do fast tuning around for rtty, but once you find the signal, it will be wide enough.

From: John Geiger <aa5jg@...>
>To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com
>Sent: Sunday, August 14, 2011 10:18 AM
>Subject: [ic706] FL101 and RTTY
>
>I currently have the FL100 installed in my Icom 706 original (the model with 1 filter slot) and it does a pretty good job, but would also like something a little narrower.  I have found a good deal on the FL101 250hz CW filter.  I also hope to start running the 706 on RTTY soon. Will a 250hz filter work with RTTY?  I know that RTTY uses a 170hz split which should work, but is 250hz a little too narrow to adequately tune around for RTTY signals?  I will be using AFSK, not true RTTY, if that makes a difference.
>
>73s John AA5JG
>
>

[Non-text portions of this message have been removed]

# 19008. Re: 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-14 16:13:17 UTC
From: jck116
Topic: 19001  Message: 19008

Mike, N1EQ did a great job on my rig last year and was very reasonable in cost. Even better, when I contacted him 6 months later with a new problem, he told me a of simple way to fix it on my own. I applied the fix and its been fine since. You can't beat service like that!

Check out his perfect score on eHam at http://www.eham.net/reviews/detail/5640

73,
Rich AB1HD

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Ive heard of a guy in the northeast, maybe New York. That may be the same guy.
> Matt in Michigan is probally the most known.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Aug 12, 2011, at 9:47 PM, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> > Mike Nadeau N1EQ.com
> >
> > He did a bang-up job on my 706 and was very reasonable, quick and honest!
> >
> > Wayne/n4eyz
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19009. Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 13:17:47 UTC
From: John Geiger
Topic: 19009  Message: 19009

Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19010. Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 15:12:48 UTC
From: gw0div@btinternet.com
Topic: 19009  Message: 19010

Why use the mic socket? The data connector is made for the job. Do you have a specific need to use the mic socket, like using the rear connectors for the ATU or amp?

Rhys
GW0DIV
--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.
>
> 73s John AA5JG
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19011. re:RE: [ic706] service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 15:16:43 UTC
From: dunsul@attglobal.net
Topic: 18997  Message: 19011

Tom,

I have a MK2 and a MK2G; the MK2 does not transmit on any band; went out intermittently.

Do you have a link to the manual? Could not use this one.

I was told that the output stages has been changed between models and the MK2 is not repairable; is this true? Was not told this by anyone who is an authorized repair person.

Thanks in advance...

Tony

N2VAJ

---- Original Message ----

From: "Saunders, Tom" <tom.saunders@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Cc:
Subject: RE: [ic706] service manual for mkII
Date: Fri, August 12, 2011, 14:26:00

http://www.mods.dk/downloadmanual.php?RefFil=IC-706MK2_Service_manual.zip&radio=
Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---
From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of Lars Kvant [sm7fyw@...]
Sent: Friday, August 12, 2011 2:21 PM
To: ic706@yahoogroups.com
Subject: [ic706] service manual for mkII

Hi everybody
Does anybody know, were to download the service manual for 706 MkII ?
Have run into a cold solder, found it, but need the partvalue, and the location on the mainboard....
(so I can tell the repairman)

Thanks!

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19012. Re: [ic706] Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 15:17:37 UTC
From: John Geiger
Topic: 19009  Message: 19012

I want to use VOX to key the radio so I don't have to hook to the serial port or USB connector on my laptop. Trying to keep things as simple as possible.

73s John AA5JG

On Mon, Aug 15, 2011 at 10:12 AM, gw0div@btinternet.com <gw0div@...> wrote:

> **
>
>
>
> Why use the mic socket? The data connector is made for the job. Do you have
> a specific need to use the mic socket, like using the rear connectors for
> the ATU or amp?
>
> Rhys
> GW0DIV
>
> --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
> >
> > Does anyone know of commercially available soundcard interface using the
> mic connector for both audio in and out? I can find a few that use the mic
> connector instead of the ACC connector for the audio to the rig, but they
> still use the speaker connector for the audio to the computer. I would like
> to do everything with 1 cable (and 1 conntection to the rig) if possible.
> >
> > 73s John AA5JG
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 19013. RE: RE: [ic706] service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 16:22:12 UTC
From: Jan
Topic: 18997  Message: 19013

Tony,

You can download it from Rigpix, on the bottom of this page. Both the user and the service manual.

http://www.rigpix.com/icom/ic706mkiig.htm

You can find the IC-706 manual here

http://www.repeater-builder.com/icom/pdfs/icom-ic-706-service-manual.pdf

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of dunsul@...
Sent: Monday, August 15, 2011 5:17 PM
To: ic706@yahoogroups.com
Subject: re:RE: [ic706] service manual for mkII

Tom,

I have a MK2 and a MK2G; the MK2 does not transmit on any band; went out intermittently.

Do you have a link to the manual? Could not use this one.

I was told that the output stages has been changed between models and the MK2 is not repairable; is this true? Was not told this by anyone who is an authorized repair person.

Thanks in advance...

Tony

N2VAJ

---- Original Message ----

From: "Saunders, Tom" <tom.saunders@...
<mailto:tom.saunders%40seattle.gov> >
To: "ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> "
<ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Cc:
Subject: RE: [ic706] service manual for mkII
Date: Fri, August 12, 2011, 14:26:00

http://www.mods.dk/downloadmanual.php?RefFil=IC-706MK2_Service_manual.zip&radio=

Tom Saunders
Communications Technician,
City Of Seattle
1933 Minor Ave
Seattle, WA. 98101
Wk 206.386.1213
Cell 206-384-1604

---

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Lars Kvant [sm7fyw@... <mailto:sm7fyw%40hotmail.com> ]
Sent: Friday, August 12, 2011 2:21 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] service manual for mkII

Hi everybody
Does anybody know, were to download the service manual for 706 MkII ?
Have run into a cold solder, found it, but need the partvalue, and the location on the mainboard....
(so I can tell the repairman)

Thanks!

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19014. Re: RE: [ic706] service manual for mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 16:25:09 UTC
From: Ralph Mowery
Topic: 18997  Message: 19014

Look here for the manual:

http://www.cqham.ru/sch_eng.html

From other postings, the output transistors are difficult to come by for one version of the power amps for the 706.

From: "dunsul@..." <dunsul@attglobal.net>
>To: ic706@yahoogroups.com
>Sent: Monday, August 15, 2011 11:16 AM
>Subject: re:RE: [ic706] service manual for mkII
>
>Tom,
>
>I have a MK2 and a MK2G; the MK2 does not transmit on any band; went
>out intermittently.
>
>Do you have a link to the manual? Could not use this one.
>
>I was told that the output stages has been changed between models and
>the MK2 is not repairable; is this true? Was not told this by anyone who is
>an authorized repair person.
>
>Thanks in advance...
>
>Tony
>
>N2VAJ
>
>---- Original Message ----
>
>From: "Saunders, Tom" <tom.saunders@...>
>To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
>Cc:
>Subject: RE: [ic706] service manual for mkII
>Date: Fri, August 12, 2011, 14:26:00
>
>http://www.mods.dk/downloadmanual.php?RefFil=IC-
>706MK2_Service_manual.zip&radio=
>Tom Saunders
>Communications Technician,
>City Of Seattle
>1933 Minor Ave
>Seattle, WA. 98101
>Wk 206.386.1213
>Cell 206-384-1604

>
>_____
>From: ic706@yahoogroups.com [ic706@yahoogroups.com] On Behalf Of
>Lars Kvant [sm7fyw@...]
>Sent: Friday, August 12, 2011 2:21 PM
>To: ic706@yahoogroups.com
>Subject: [ic706] service manual for mkII
>
>
>
>Hi everybody
>Does anybody know, were to download the service manual for 706 MkII ?
>Have run into a cold solder, found it, but need the partvalue, and the
>location on the mainboard....
>(so I can tell the repairman)
>
>Thanks!
>
>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>
>
>
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19015. re:RE:

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 16:06:08 UTC
From: Peter Short
Topic: 19015  Message: 19015

Hi

www.kb2ljj.com has most Manuals to download,

73s de Pete G4WJJ

[Non-text portions of this message have been removed]

# 19016. 706MK2G Won't tansmit on FM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 15:15:35 UTC
From: Rick
Topic: 19016  Message: 19016

I have a 706 MK 2 -G that works great on all modes AM,USB,LSB, and AM.
But when I select FM on the mode switch and key up the rig on any FM band like 10,2,6, or 440 MHZ it does not put out any audio.
I thaught I lucked out and found the fix on DK.mods web site.Someone was having the same problem and reportded it to ne bad solder joints on the FM trimmer capactor. They had a good picture and step by step instructions on finding the trimmer and where and how to resolder the legs to the PCB. I took the top cover of my rig off and was unable to find and identify the suspected trimmer cap. I am assuming that the problem is that the rig shown in the illustration was different than mine, perhaps a older IC 706 (not MK2) that has the board laid out different.
If anyone has had this problem and can recomend how to fix it please let me know.
Thanks in advance Rick ND4Z

# 19017. Re: [ic706] Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 15:59:38 UTC
From: Dave Wright
Topic: 19009  Message: 19017

What I am using is CAT5 cable, and the back mic connector. I used the green pair for the speaker out(radio) to mic in(laptop) and the orange pair for the speaker (laptop) out. I have to run to PC volume very low, but I have made several contacts with this set up. You may need an audio transformer (1-1 I think) on the laptop input.

On Mon, Aug 15, 2011 at 10:17 AM, John Geiger <aa5jg@...> wrote:

> I want to use VOX to key the radio so I don't have to hook to the serial
> port or USB connector on my laptop. Trying to keep things as simple as
> possible.
>
> 73s John AA5JG
>
> On Mon, Aug 15, 2011 at 10:12 AM, gw0div@... <
> gw0div@...> wrote:
>
> > **
> >
> >
> >
> > Why use the mic socket? The data connector is made for the job. Do you
> have
> > a specific need to use the mic socket, like using the rear connectors for
> > the ATU or amp?
> >
> > Rhys
> > GW0DIV
> >
> > --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
> > >
> > > Does anyone know of commercially available soundcard interface using
> the
> > > mic connector for both audio in and out? I can find a few that use the
> mic
> > > connector instead of the ACC connector for the audio to the rig, but they
> > > still use the speaker connector for the audio to the computer. I would
> like
> > > to do everything with 1 cable (and 1 conntection to the rig) if possible.
> > >
> > > 73s John AA5JG
> > >
> > >
> > >
> > >
> > >

> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19018. Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 13:53:10 UTC
From: deepak bhatti
Topic: 19009  Message: 19018

Ultimate Linking Interface by WB2REM
http://www.ilinkboards.com/indexuli1.html

i've been using it for several years.
built it from a kit once and then got a fully assembled one again . works quite well!!

73s Deepak VU2DJI

[Non-text portions of this message have been removed]

# 19019. Re: [ic706] Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 13:29:37 UTC
From: Jack
Topic: 19009  Message: 19019

John,
that is a function of the radio, the radio you have may not have the audio in the mic.

-----Original Message-----
From: John Geiger
Sent: Monday, August 15, 2011 9:17 AM
To: IC-706MKIIG@yahoogroups.com ; ic706@yahoogroups.com
Subject: [ic706] Digital modes interface using mic connector

Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.

73s John AA5JG

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19020. Re: 706 REPAIR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 19:27:44 UTC
From: n3lka
Topic: 19001  Message: 19020

I have to agree, Mike is Top Notch. He repaired a 746 for me, great job all around.

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> Mike Nadeau N1EQ.com
>
> He did a bang-up job on my 706 and was very reasonable, quick and honest!
>
> Wayne/n4eyz
>
>
> [Non-text portions of this message have been removed]
>

# 19021. Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-15 23:08:29 UTC
From: K&R Yoksh
Topic: 19009  Message: 19021

Hello John,

I've been working lately to interface my 706mk2g for Asterisk/Allstar. I just posted the following to another group, so I'll repost it here:

I've learned a little from the experience of interfacing the 706.. For example, the app_rpt help page
http://images.ohnosec.org/ic706.pdf shows two connections from the PC to the 706 (RJ45 mic and packet jack). This was done for a couple of reasons:

* The rear RJ45 and packet jack require about 25 mA to key PTT. The front RJ45 requires much less, so an opto will actually key the radio from the front jack.

* The rear ACC jack and packet jack provide a fixed RX audio, where the RJ45 jacks do not.

* It IS possible to use a single cable on the packet port to the PC. You will need to key PTT via a transistor or relay, not directly from an opto.

* Setting the 706 to 1200 baud packet mode routes TX audio through the pre-emphasis circuit. 9600 baud does not.

73 for now,

Kyle
K0KN
Olathe, KS

--- Original Message ---

Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19022. Re: [ic706] Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-16 12:56:10 UTC
From: John Geiger
Topic: 19009  Message: 19022

Hi Dave,

That is exactly what I was hoping to do. Do you know if the audio transformer is absolutely required?

73s John AA5JG

----- Original Message -----
From: Dave Wright
To: ic706@yahoogroups.com
Sent: Monday, August 15, 2011 3:59 PM
Subject: Re: [ic706] Re: Digital modes interface using mic connector

What I am using is CAT5 cable, and the back mic connector. I used the green
pair for the speaker out(radio) to mic in(laptop) and the orange pair for
the speaker (laptop) out. I have to run to PC volume very low, but I have
made several contacts with this set up. You may need an audio transformer
(1-1 I think) on the laptop input.

On Mon, Aug 15, 2011 at 10:17 AM, John Geiger <aa5jg@...> wrote:

> I want to use VOX to key the radio so I don't have to hook to the serial
> port or USB connector on my laptop. Trying to keep things as simple as
> possible.
>
> 73s John AA5JG
>
> On Mon, Aug 15, 2011 at 10:12 AM, gw0div@... <
> gw0div@...> wrote:
>
> > **
> >
> >
> >
> > Why use the mic socket? The data connector is made for the job. Do you
> have
> > a specific need to use the mic socket, like using the rear connectors for
> > the ATU or amp?
> >
> > Rhys
> > GW0DIV
> >
> > --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
> > >
> > > Does anyone know of commercially available soundcard interface using
> the

> > mic connector for both audio in and out? I can find a few that use the
> mic
> > connector instead of the ACC connector for the audio to the rig, but they
> > still use the speaker connector for the audio to the computer. I would
> like
> > to do everything with 1 cable (and 1 conntection to the rig) if possible.
> > >
> > > 73s John AA5JG
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19023. Re: [ic706] Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-16 14:48:02 UTC
From: Larry J. Ford
Topic: 19009  Message: 19023

Is the schematic on that webpage below for the IC-706 (original), the IC-706MKII, the IC-706MKIIG, or for ALL versions of the 706?

It does not specify that I can see.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: K&R Yoksh
To: ic706@yahoogroups.com
Sent: Monday, August 15, 2011 7:08 PM
Subject: [ic706] Re: Digital modes interface using mic connector

Hello John,

I've been working lately to interface my 706mk2g for Asterisk/Allstar. I just posted the following to another group, so I'll repost it here:

I've learned a little from the experience of interfacing the 706.. For example, the app_rpt help page
http://images.ohnosec.org/ic706.pdf shows two connections from the PC to the 706 (RJ45 mic and packet jack). This was done for a couple of reasons:

* The rear RJ45 and packet jack require about 25 mA to key PTT. The front RJ45 requires much less, so an opto will actually key the radio from the front jack.

* The rear ACC jack and packet jack provide a fixed RX audio, where the RJ45 jacks do not.

* It IS possible to use a single cable on the packet port to the PC. You will need to key PTT via a transistor or relay, not directly from an opto.

* Setting the 706 to 1200 baud packet mode routes TX audio through the pre-emphasis circuit. 9600 baud does not.

73 for now,

Kyle
K0KN
Olathe, KS

--- Original Message ---

Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19024. Re: [ic706] Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-16 16:52:22 UTC
From: John Geiger
Topic: 19009  Message: 19024

I think it is the same for all models of the 706.

73s John AA5JG

On Tue, Aug 16, 2011 at 9:48 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Is the schematic on that webpage below for the IC-706 (original), the
> IC-706MKII, the IC-706MKIIG, or for ALL versions of the 706?
>
> It does not specify that I can see.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: K&R Yoksh
> To: ic706@yahoogroups.com
> Sent: Monday, August 15, 2011 7:08 PM
> Subject: [ic706] Re: Digital modes interface using mic connector
>
> Hello John,
>
> I've been working lately to interface my 706mk2g for Asterisk/Allstar. I
> just posted the following to another group, so I'll repost it here:
>
> I've learned a little from the experience of interfacing the 706.. For
> example, the app_rpt help page
> http://images.ohnosec.org/ic706.pdf shows two connections from the PC to
> the 706 (RJ45 mic and packet jack). This was done for a couple of reasons:
>
> * The rear RJ45 and packet jack require about 25 mA to key PTT. The front
> RJ45 requires much less, so an opto will actually key the radio from the
> front jack.
>
> * The rear ACC jack and packet jack provide a fixed RX audio, where the
> RJ45 jacks do not.
>
> * It IS possible to use a single cable on the packet port to the PC. You
> will need to key PTT via a transistor or relay, not directly from an opto.
>
> * Setting the 706 to 1200 baud packet mode routes TX audio through the
> pre-emphasis circuit. 9600 baud does not.
>

> 73 for now,
>
> Kyle
> K0KN
> Olathe, KS
>
> --- Original Message ---
>
> Does anyone know of commercially available soundcard interface using the
> mic connector for both audio in and out? I can find a few that use the mic
> connector instead of the ACC connector for the audio to the rig, but they
> still use the speaker connector for the audio to the computer. I would like
> to do everything with 1 cable (and 1 conntection to the rig) if possible.
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19025. Re: [ic706] Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-16 17:05:00 UTC
From: Dave Wright
Topic: 19009  Message: 19025

John;
I cant figure out where your question went, but I am not using the transformer in my set up. It may be an advantage to use it, but I havent tried yet. I have Germany, France, Canary Islands, all on about 23 watts. I run an 11a power supply for now. Until I can afford to upgrade, thats the highest power I have used. Go ahead and e-mail me direct (kb9mnm@...) if you have any more questions.

On Tuesday, August 16, 2011, John Geiger <aa5jg@...> wrote:
> I think it is the same for all models of the 706.
>
> 73s John AA5JG
>
> On Tue, Aug 16, 2011 at 9:48 AM, Larry J. Ford <lford@...> wrote:
>
>> **
>>
>>
>> Is the schematic on that webpage below for the IC-706 (original), the
>> IC-706MKII, the IC-706MKIIG, or for ALL versions of the 706?
>>
>> It does not specify that I can see.
>>
>> Larry J. Ford
>> KG4GPJ
>>
>> ----- Original Message -----
>> From: K&R Yoksh
>> To: ic706@yahoogroups.com
>> Sent: Monday, August 15, 2011 7:08 PM
>> Subject: [ic706] Re: Digital modes interface using mic connector
>>
>> Hello John,
>>
>> I've been working lately to interface my 706mk2g for Asterisk/Allstar. I
>> just posted the following to another group, so I'll repost it here:
>>
>> I've learned a little from the experience of interfacing the 706.. For
>> example, the app_rpt help page
>> http://images.ohnosec.org/ic706.pdf shows two connections from the PC to
>> the 706 (RJ45 mic and packet jack). This was done for a couple of
reasons:
>>
>> * The rear RJ45 and packet jack require about 25 mA to key PTT. The front
>> RJ45 requires much less, so an opto will actually key the radio from the

>> front jack.
>>
>> * The rear ACC jack and packet jack provide a fixed RX audio, where the
>> RJ45 jacks do not.
>>
>> * It IS possible to use a single cable on the packet port to the PC. You
>> will need to key PTT via a transistor or relay, not directly from an
opto.
>>
>> * Setting the 706 to 1200 baud packet mode routes TX audio through the
>> pre-emphasis circuit. 9600 baud does not.
>>
>> 73 for now,
>>
>> Kyle
>> K0KN
>> Olathe, KS
>>
>> --- Original Message ---
>>
>> Does anyone know of commercially available soundcard interface using the
>> mic connector for both audio in and out? I can find a few that use the
mic
>> connector instead of the ACC connector for the audio to the rig, but they
>> still use the speaker connector for the audio to the computer. I would
like
>> to do everything with 1 cable (and 1 conntection to the rig) if possible.
>>
>> 73s John AA5JG
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19026. Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-17 03:25:58 UTC
From: jck116
Topic: 19009  Message: 19026

You can order a Signalink with a RJ45 cable and that should work, but I'd check with them first.

Rich AB1HD

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> Does anyone know of commercially available soundcard interface using the mic connector for both audio in and out? I can find a few that use the mic connector instead of the ACC connector for the audio to the rig, but they still use the speaker connector for the audio to the computer. I would like to do everything with 1 cable (and 1 conntection to the rig) if possible.
>
> 73s John AA5JG
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19027. Re: Digital modes interface using mic connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-17 04:57:34 UTC
From: Dave
Topic: 19009  Message: 19027

Hi John,
The nice thing about using CAT5 is that its all prewired. Just follow the schematics to figure out which wires go where. I used Radio Shack mono audio jacks for my laptop.
Hope it all works out for ya and keep me posted.
73's!
Dave
KB9MNM
--- In ic706@yahoogroups.com, Dave Wright <kb9mnm@...> wrote:
>
> John;
> I cant figure out where your question went, but I am not using the
> transformer in my set up. It may be an advantage to use it, but I havent
> tried yet. I have Germany, France, Canary Islands, all on about 23 watts. I
> run an 11a power supply for now. Until I can afford to upgrade, thats the
> highest power I have used. Go ahead and e-mail me direct (kb9mnm@...)
> if you have any more questions.
>
> On Tuesday, August 16, 2011, John Geiger <aa5jg@...> wrote:
> > I think it is the same for all models of the 706.
> >
> > 73s John AA5JG
> >
> > On Tue, Aug 16, 2011 at 9:48 AM, Larry J. Ford <lford@...> wrote:
> >
> >> **
> >>
> >>
> >> Is the schematic on that webpage below for the IC-706 (original), the
> >> IC-706MKII, the IC-706MKIIG, or for ALL versions of the 706?
> >>
> >> It does not specify that I can see.
> >>
> >> Larry J. Ford
> >> KG4GPJ
> >>
> >> ----- Original Message -----
> >> From: K&R Yoksh
> >> To: ic706@yahoogroups.com
> >> Sent: Monday, August 15, 2011 7:08 PM
> >> Subject: [ic706] Re: Digital modes interface using mic connector
> >>
> >> Hello John,
> >>
> >> I've been working lately to interface my 706mk2g for Asterisk/Allstar. I
> >> just posted the following to another group, so I'll repost it here:

> >>
> >> I've learned a little from the experience of interfacing the 706.. For
> >> example, the app_rpt help page
> >> http://images.ohnosec.org/ic706.pdf shows two connections from the PC to
> >> the 706 (RJ45 mic and packet jack). This was done for a couple of
> reasons:
> >>
> >> * The rear RJ45 and packet jack require about 25 mA to key PTT. The front
> >> RJ45 requires much less, so an opto will actually key the radio from the
> >> front jack.
> >>
> >> * The rear ACC jack and packet jack provide a fixed RX audio, where the
> >> RJ45 jacks do not.
> >>
> >> * It IS possible to use a single cable on the packet port to the PC. You
> >> will need to key PTT via a transistor or relay, not directly from an
> opto.
> >>
> >> * Setting the 706 to 1200 baud packet mode routes TX audio through the
> >> pre-emphasis circuit. 9600 baud does not.
> >>
> >> 73 for now,
> >>
> >> Kyle
> >> K0KN
> >> Olathe, KS
> >>
> >> --- Original Message ---
> >>
> >> Does anyone know of commercially available soundcard interface using the
> >> mic connector for both audio in and out? I can find a few that use the
> mic
> >> connector instead of the ACC connector for the audio to the rig, but they
> >> still use the speaker connector for the audio to the computer. I would
> like
> >> to do everything with 1 cable (and 1 conntection to the rig) if possible.
> >>
> >> 73s John AA5JG
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >

> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19028. Mic up-down button

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-29 19:33:38 UTC
From: wa0hpn
Topic: 19028  Message: 19028

Just picked up a IC-706MKII at the ham-fest in Fargo ND. All works well in my mobile, except for the up down button on the Mic.

I tried the mic in another installation (WB0SWW's) and the up-down worked. In my install I have the control head remoted, and tried the mike in both the control head and the back of the transceiver, neither worked on the up/down. Any ideas???

# 19029. Re: [ic706] Mic up-down button

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-29 22:30:58 UTC
From: John Geiger
Topic: 19028  Message: 19029

The keyer function has been changed from paddles to the UP/DOWN buttons. You can verify this by going into CW mode and seeing that it sends CW with the up/down buttons. To change it back, while in CW mode, press and hold the DISP button. This brings up the quick menus. Go to Q4 and change it to "n".

73s John AA5JG
----- Original Message -----
From: wa0hpn
To: ic706@yahoogroups.com
Sent: Monday, August 29, 2011 7:33 PM
Subject: [ic706] Mic up-down button

Just picked up a IC-706MKII at the ham-fest in Fargo ND. All works well in my mobile, except for the up down button on the Mic.

I tried the mic in another installation (WB0SWW's) and the up-down worked. In my install I have the control head remoted, and tried the mike in both the control head and the back of the transceiver, neither worked on the up/down. Any ideas???

[Non-text portions of this message have been removed]

# 19030. RE: [ic706] Mic up-down button

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-29 22:57:57 UTC
From: Jan
Topic: 19028  Message: 19030

I don't know what type mike you have. If it is the HM-103 , there is a little switch between the up and down switch to lock the up and down function

73

La2xsa

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of wa0hpn
Sent: Monday, August 29, 2011 9:34 PM
To: ic706@yahoogroups.com
Subject: [ic706] Mic up-down button

Just picked up a IC-706MKII at the ham-fest in Fargo ND. All works well in my mobile, except for the up down button on the Mic.

I tried the mic in another installation (WB0SWW's) and the up-down worked. In my install I have the control head remoted, and tried the mike in both the control head and the back of the transceiver, neither worked on the up/down. Any ideas???

[Non-text portions of this message have been removed]

# 19031. Re: Mic up-down button

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-30 20:49:16 UTC
From: wa0hpn
Topic: 19028  Message: 19031

John:
I should have checked the "old" messages on the forum... you are exactly right, I changed it from U-D to "n" and now it works correctly. Guess you can teach an old dog new tricks, just takes a bigger stick. [=D>]
--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> The keyer function has been changed from paddles to the UP/DOWN buttons. You can verify this by going into CW mode and seeing that it sends CW with the up/down buttons. To change it back, while in CW mode, press and hold the DISP button. This brings up the quick menus. Go to Q4 and change it to "n".
>
> 73s John AA5JG
> ----- Original Message -----
> From: wa0hpn
> To: ic706@yahoogroups.com
> Sent: Monday, August 29, 2011 7:33 PM
> Subject: [ic706] Mic up-down button
>
>
>
> Just picked up a IC-706MKII at the ham-fest in Fargo ND. All works well in my mobile, except for the up down button on the Mic.
>
> I tried the mic in another installation (WB0SWW's) and the up-down worked. In my install I have the control head remoted, and tried the mike in both the control head and the back of the transceiver, neither worked on the up/down. Any ideas???
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19032. Re: [ic706] Re: Mic up-down button

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-30 21:13:20 UTC
From: John Geiger
Topic: 19028  Message: 19032

Glad it is now working ok. The 706MKII is a nice rig.

73s John AA5JG

----- Original Message -----
From: wa0hpn
To: ic706@yahoogroups.com
Sent: Tuesday, August 30, 2011 8:49 PM
Subject: [ic706] Re: Mic up-down button

John:
I should have checked the "old" messages on the forum... you are exactly right, I changed it from U-D to "n" and now it works correctly. Guess you can teach an old dog new tricks, just takes a bigger stick. [=D>]
--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> The keyer function has been changed from paddles to the UP/DOWN buttons. You can verify this by going into CW mode and seeing that it sends CW with the up/down buttons. To change it back, while in CW mode, press and hold the DISP button. This brings up the quick menus. Go to Q4 and change it to "n".
>
> 73s John AA5JG
> ----- Original Message -----
> From: wa0hpn
> To: ic706@yahoogroups.com
> Sent: Monday, August 29, 2011 7:33 PM
> Subject: [ic706] Mic up-down button
>
>
>
> Just picked up a IC-706MKII at the ham-fest in Fargo ND. All works well in my mobile, except for the up down button on the Mic.
>
> I tried the mic in another installation (WB0SWW's) and the up-down worked. In my install I have the control head remoted, and tried the mike in both the control head and the back of the transceiver, neither worked on the up/down. Any ideas???
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19033. My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-30 23:47:59 UTC
From: n4dou
Topic: 19033  Message: 19033

Hello all

My 706m2g will not power up. No relay sound when I connect it to the power supply. Good voltage is getting to the circut board. No corrosion to the HV trace under the PLL board. Everything was connected on the circuit board and no screws were loose.

I used the rig at Field Day with no problems. I pulled it out of my go kit and would not power up. The power supply checked fine (astron).

Any ideas would be appreciated. I have searched this forum and searched google and nothing has helped.

Tnx

John
N4DOU

# 19034. Re: [ic706] My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-08-31 03:21:29 UTC
From: Facility 406 DM09
Topic: 19033  Message: 19034

Check and clean the connection pins both on the faceplate and the radio side. I polish mine occasionally with q-tips and rubbing alcohol, 70 or 91 per cent, depending on what I have. Also, check to ensure the faceplate is seated properly on the radio body.

Kurt

# 19035. RE: [ic706] My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-01 06:30:45 UTC
From: Bob Reiff
Topic: 19033  Message: 19035

Are you using the control head hooked directly to the radio or via the remote cable? If via the remote cable try it direct and clean the contacts on both sides before plugging it together.

Bob, WA8ULW

From: n4dou [mailto:n4dou@...]
Sent: August 30, 2011 19:48
To: ic706@yahoogroups.com
Subject: [ic706] My 706 will not power up

Hello all

My 706m2g will not power up. No relay sound when I connect it to the power supply. Good voltage is getting to the circut board. No corrosion to the HV trace under the PLL board. Everything was connected on the circuit board and no screws were loose.

I used the rig at Field Day with no problems. I pulled it out of my go kit and would not power up. The power supply checked fine (astron).

Any ideas would be appreciated. I have searched this forum and searched google and nothing has helped.

Tnx

John
N4DOU

[Non-text portions of this message have been removed]

# 19036. Re: [ic706] My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-01 06:39:40 UTC
From: Stu Capon
Topic: 19033  Message: 19036

Is it also true to say "the voltage is getting to the board and does not drop significantly (on a scope) when attempting to power up" just in case the power to the board is good for only half an amp.
I believe power pins can often get loose and assuming things were mated/disconnected due to the field day a bit of connector tweaking could be a good start. There are also those chokes close to power connector the that can be disturbed but I bet that is covered by your mention of checking traces.

Stu

On 01/09/11 07:30, Bob Reiff wrote:
>
> Are you using the control head hooked directly to the radio or via the
> remote cable? If via the remote cable try it direct and clean the contacts
> on both sides before plugging it together.
>
> Bob, WA8ULW
>
> From: n4dou [mailto:n4dou@... <mailto:n4dou%40arrl.net>]
> Sent: August 30, 2011 19:48
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] My 706 will not power up
>
> Hello all
>
> My 706m2g will not power up. No relay sound when I connect it to the power
> supply. Good voltage is getting to the circut board. No corrosion to
> the HV
> trace under the PLL board. Everything was connected on the circuit
> board and
> no screws were loose.
>
> I used the rig at Field Day with no problems. I pulled it out of my go kit
> and would not power up. The power supply checked fine (astron).
>
> Any ideas would be appreciated. I have searched this forum and searched
> google and nothing has helped.
>
> Tnx
>
> John
> N4DOU
>
> [Non-text portions of this message have been removed]

>
>

[Non-text portions of this message have been removed]

# 19037. RE: [ic706] My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-01 09:44:23 UTC
From: Jan
Topic: 19033  Message: 19037

John,

Look at the top of this page. This is what happened with my IC-706MkIIG.
After what I have heard, it is not a rare occurrence.

If you look on through old messages, you will see that this issue have been
discussed before.

Look at this file. It shows you possible problem areas

Good luck.

http://www.n1eq.com/tech/page_03.html

73

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
n4dou
Sent: Wednesday, August 31, 2011 1:48 AM
To: ic706@yahoogroups.com
Subject: [ic706] My 706 will not power up

Hello all

My 706m2g will not power up. No relay sound when I connect it to the power
supply. Good voltage is getting to the circut board. No corrosion to the HV
trace under the PLL board. Everything was connected on the circuit board and
no screws were loose.

I used the rig at Field Day with no problems. I pulled it out of my go kit
and would not power up. The power supply checked fine (astron).

Any ideas would be appreciated. I have searched this forum and searched
google and nothing has helped.

Tnx

John
N4DOU

[Non-text portions of this message have been removed]

# 19038. Re: My 706 will not power up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-05 19:35:07 UTC
From: n4dou
Topic: 19033  Message: 19038

Thanks to all who replied to my post. I am happy to say that my 706 is working fine now. I cleaned the contacts on the face and the main body. When I removed the PLL board I removed the two pads that have been associated with corroding traces on the board. I spoke with with Matt at Icom in Michigan and he told me that he removes those pads.

73
John
N4DOU

--- In ic706@yahoogroups.com, "Jan" <jan@...> wrote:
> John,
>
> Look at the top of this page. This is what happened with my IC-706MkIIG.
> After what I have heard, it is not a rare occurrence.
>
> If you look on through old messages, you will see that this issue have been
> discussed before.
>
> Look at this file. It shows you possible problem areas
>
> Good luck.
>
> http://www.n1eq.com/tech/page_03.html
>
>
>
> 73
>
> Jan - LA2XSA
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> n4dou
> Sent: Wednesday, August 31, 2011 1:48 AM
> To: ic706@yahoogroups.com
> Subject: [ic706] My 706 will not power up
>
>
>
>
>
>
> Hello all
>
> My 706m2g will not power up. No relay sound when I connect it to the power

> supply. Good voltage is getting to the circut board. No corrosion to the HV
> trace under the PLL board. Everything was connected on the circuit board and
> no screws were loose.
>
> I used the rig at Field Day with no problems. I pulled it out of my go kit
> and would not power up. The power supply checked fine (astron).
>
> Any ideas would be appreciated. I have searched this forum and searched
> google and nothing has helped.
>
> Tnx
>
> John
> N4DOU
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19039. IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-12 10:50:05 UTC
From: rodbender2007
Topic: 19039  Message: 19039

Hi,
I have an IC706 MK2 which has suddenly stopped transmitting audio power.
The mic's key the radio ok but there is no power displaying when transmitting audio.
I have the standard fist mic as well as a heil proset headset. The same thing is happening with both mic's.
Everything works fine on digital modes. I have tried a factory re-set and both mic sockets without success. I would suspect the mics but two going at the same time would be a big coincidence. Any ideas as to what the problem might be will be gratefully received.

Cheers
George (G0RLF).

# 19040. Re: [ic706] IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-12 15:40:32 UTC
From: Jack Foster
Topic: 19039  Message: 19040

Have you gone in the menu and checked the Mic gain?
On Sep 12, 2011 11:33 AM, "rodbender2007" <g0rlf@...> wrote:
> Hi,
> I have an IC706 MK2 which has suddenly stopped transmitting audio power.
> The mic's key the radio ok but there is no power displaying when
transmitting audio.
> I have the standard fist mic as well as a heil proset headset. The same
thing is happening with both mic's.
> Everything works fine on digital modes. I have tried a factory re-set and
both mic sockets without success. I would suspect the mics but two going at
the same time would be a big coincidence. Any ideas as to what the problem
might be will be gratefully received.
>
> Cheers
> George (G0RLF).
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19041. Re: [ic706] IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 00:14:44 UTC
From: Facility 406 DM09
Topic: 19039  Message: 19041

: The mic's key the radio ok but there is no power displaying when transmitting audio.

Is your radio actually set to display power? Maybe it's set to ALC or SWR? Can you hear yourself on a radio when you transmit and talk into the microphones?

Kurt

# 19042. Re: IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 08:32:24 UTC
From: rodbender2007
Topic: 19039  Message: 19042

Hi Kurt, all the settings are correct and no I can't hear anything when monitoring HF or FM. It works fine in data modes such as PSK though.
I do suspect it's a mic problem but it just seems such a coincidence that both mic's should pack up at the same time.

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> : The mic's key the radio ok but there is no power displaying when
> transmitting audio.
>
> Is your radio actually set to display power? Maybe it's set to ALC or SWR?
> Can you hear yourself on a radio when you transmit and talk into the
> microphones?
>
> Kurt
>

# 19043. Re: IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 08:28:20 UTC
From: rodbender2007
Topic: 19039  Message: 19043

Yes I've done all the normal tests and checks. That's why I'm looking for ideas on here, I've exhausted my knowledge of the radio. Thanks.

--- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@...> wrote:
>
> Have you gone in the menu and checked the Mic gain?
> On Sep 12, 2011 11:33 AM, "rodbender2007" <g0rlf@...> wrote:
> > Hi,
> > I have an IC706 MK2 which has suddenly stopped transmitting audio power.
> > The mic's key the radio ok but there is no power displaying when
> transmitting audio.
> > I have the standard fist mic as well as a heil proset headset. The same
> thing is happening with both mic's.
> > Everything works fine on digital modes. I have tried a factory re-set and
> both mic sockets without success. I would suspect the mics but two going at
> the same time would be a big coincidence. Any ideas as to what the problem
> might be will be gratefully received.
> >
> > Cheers
> > George (G0RLF).
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19044. Re: IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 10:05:45 UTC
From: Stu Capon
Topic: 19039  Message: 19044

Have you checked that the voltage supplied to the electret element is present?
I think (at work nothing in front of me) that they mention 8V is on one of the mic pins and not to accidentally short it as it will take out the voltage regulator.
I suppose one or more of the the up/down buttons would not work if they needed that too.
A dynamic mic might be a valid test if you can connect easily.

Stu

# 19045. Re: [ic706] Re: IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 10:06:09 UTC
From: Joe Isabella
Topic: 19039  Message: 19045

Are they both Icom mics?  They require power from the radio to function correctly.  Check the 8V line to see if there's power there.

Joe, N3JI

---
From: rodbender2007 <g0rlf@talktalk.net>
To: ic706@yahoogroups.com
Sent: Tuesday, September 13, 2011 3:32 AM
Subject: [ic706] Re: IC 706 MK2: No mic audio power.

Hi Kurt, all the settings are correct and no I can't hear anything when monitoring HF or FM. It works fine in data modes such as PSK though.
I do suspect it's a mic problem but it just seems such a coincidence that both mic's should pack up at the same time.

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> : The mic's key the radio ok but there is no power displaying when
> transmitting audio.
>
> Is your radio actually set to display power? Maybe it's set to ALC or SWR?
> Can you hear yourself on a radio when you transmit and talk into the
> microphones?
>
> Kurt
>

[Non-text portions of this message have been removed]

# 19047. Re: IC 706 MK2: No mic audio power.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 10:23:48 UTC
From: rodbender2007
Topic: 19039  Message: 19047

Hi Stu, Yes there is 8v present on the element supply and the up/down buttons do work.
--- In ic706@yahoogroups.com, Stu Capon <powernumpty@...> wrote:
>
> Have you checked that the voltage supplied to the electret element is
> present?
> I think (at work nothing in front of me) that they mention 8V is on one
> of the mic pins and not to accidentally short it as it will take out the
> voltage regulator.
> I suppose one or more of the the up/down buttons would not work if they
> needed that too.
> A dynamic mic might be a valid test if you can connect easily.
>
> Stu
>

# 19048. The MDSR software release V2.1 (SDR on a budget) is now available

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-13 04:32:41 UTC
From: alexschwarz237
Topic: 19048  Message: 19048

The MDSR Development Team has now released the next version of their full RX ☐ TX capable SDR software. The software is available at the MDSR website and the Yahoo user group and the software is free for amateur use. The MDSR software will run on a Windows platform. W2000 and up (works best with Windows XP)

The MDSR software also provides a real time spectrum analyzer and a universal CAT interface that can control 48 different transceivers. Instructions how to use the sofware are included in the software, PDF reader required.

http://groups.yahoo.com/group/mdsradio/ (please register for access to the information)

http://users.skynet.be/myspace/mdsr

The MDSR concept uses an existing transceiver (Yaesu or ICOM have been tested and more will follow)) with a 455kHz IF and a transverter that uses the a 12kHz IF which is fed to the sound card in RX mode and unconverted to 455kHz IF in TX mode. The transverter is connected to the option filter port in the transceiver. The RX audio is heard through the PC speaker. The control of the transceiver is performed through CAT interface.

RX capable hardware is already available through the MDSR group. It is so simple that some HAMs actually prefer to build their own interface. Instructions are available on the website or user group.

This development allows the HAM radio operator to use his/her existing transceiver and computer and connect them together at the IF level for excellent audio quality. SDR performance at a budget cost!

All the best and 73;

The MDSR Development Team

# 19049. IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-15 17:05:11 UTC
From: John Hogenmiller
Topic: 19049  Message: 19049

Hello,

I have an IC-706 "Mark 1" radio I bought used recently from a hamfest. Everything works fine on 2M. I finally got around to testing it out on HF (actually, I finally got a dipole up to try HF as I got my General recently as well). I found on HF in either LSB or USB mode, the receive is completely silent.

Troubleshooting steps taken:
0) Squelch open all the way and performed a reset on the radio
1) I also have an IC-735. It seems to pick up everything just fine with the dipole.
2) I can Tx with the 706 and hear it on the 735.
3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for example, I can hear all sorts of WFM stations around 7Mhz)

Any thoughts? I probably won't want to mess with small surface-mount components, but I do know my way around a soldering iron and small repairs.

Thanks,
John / kb3dfz

[Non-text portions of this message have been removed]

# 19050. RE: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 02:52:06 UTC
From: Will Rogers
Topic: 19049  Message: 19050

Hi John!

If the original 706 is like my MK2g, the Squelch/RF knob should be set around 1 o'clock. The default setting is for Squelch/RF; this works like an RF gain control until 1 o'clock. It then serves as a squelch knob and gets tighter as you turn clockwise past 1 o'clock. It takes an extremely strong signal to open the squelch when set to full clockwise.

Hope this helps!

73!

Will Rogers

W4WLR

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Hogenmiller
Sent: Thursday, September 15, 2011 12:05
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 "silient rx" USB/LSB modes

Hello,

I have an IC-706 "Mark 1" radio I bought used recently from a hamfest. Everything works fine on 2M. I finally got around to testing it out on HF (actually, I finally got a dipole up to try HF as I got my General recently as well). I found on HF in either LSB or USB mode, the receive is completely silent.

Troubleshooting steps taken:
0) Squelch open all the way and performed a reset on the radio
1) I also have an IC-735. It seems to pick up everything just fine with the dipole.
2) I can Tx with the 706 and hear it on the 735.
3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for example, I can hear all sorts of WFM stations around 7Mhz)

Any thoughts? I probably won't want to mess with small surface-mount components, but I do know my way around a soldering iron and small repairs.

Thanks,
John / kb3dfz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19051. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 14:54:02 UTC
From: Larry J. Ford
Topic: 19049  Message: 19051

Not arguing, but I thought for HF, the most "open" or sensitive position for the Squelch/RF knob is at the 12 o'clock (center) position for the RF gain control knob.

The manual for my "original" 706, on Page 21, states: "The recommended position for RF gain is the center position since this sets RF gain to the max. and squelch just closed."

Also, the RF control must be set properly in SETMODE (mentioned on Page 21), and discussed on Page 45 (Item 20) to use the Squelch/RF gain control for SSB.

You are correct that setting the Squelch/RF gain fully clockwise will fully engage the Squelch.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Will Rogers
To: ic706@yahoogroups.com
Sent: Thursday, September 15, 2011 10:52 PM
Subject: RE: [ic706] IC-706 "silient rx" USB/LSB modes

Hi John!

If the original 706 is like my MK2g, the Squelch/RF knob should be set around 1 o'clock. The default setting is for Squelch/RF; this works like an RF gain control until 1 o'clock. It then serves as a squelch knob and gets tighter as you turn clockwise past 1 o'clock. It takes an extremely strong signal to open the squelch when set to full clockwise.

Hope this helps!

73!

Will Rogers

W4WLR

-----

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John Hogenmiller
Sent: Thursday, September 15, 2011 12:05
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 "silient rx" USB/LSB modes

Hello,

I have an IC-706 "Mark 1" radio I bought used recently from a hamfest. Everything works fine on 2M. I finally got around to testing it out on HF

(actually, I finally got a dipole up to try HF as I got my General recently as well). I found on HF in either LSB or USB mode, the receive is completely silent.

Troubleshooting steps taken:
0) Squelch open all the way and performed a reset on the radio
1) I also have an IC-735. It seems to pick up everything just fine with the dipole.
2) I can Tx with the 706 and hear it on the 735.
3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for example, I can hear all sorts of WFM stations around 7Mhz)

Any thoughts? I probably won't want to mess with small surface-mount components, but I do know my way around a soldering iron and small repairs.

Thanks,
John / kb3dfz

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19052. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 17:22:10 UTC
From: John Geiger
Topic: 19049  Message: 19052

In my opinion, this was one of the dumbest design features that Icom has
come up with. It is pretty confusing. Much better to have the knob function
as either a RF gain or a squelch.

73s John AA5JG

On Fri, Sep 16, 2011 at 9:54 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Not arguing, but I thought for HF, the most "open" or sensitive position
> for the Squelch/RF knob is at the 12 o'clock (center) position for the RF
> gain control knob.
>
> The manual for my "original" 706, on Page 21, states: "The recommended
> position for RF gain is the center position since this sets RF gain to the
> max. and squelch just closed."
>
> Also, the RF control must be set properly in SETMODE (mentioned on Page
> 21), and discussed on Page 45 (Item 20) to use the Squelch/RF gain control
> for SSB.
>
> You are correct that setting the Squelch/RF gain fully clockwise will fully
> engage the Squelch.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Will Rogers
> To: ic706@yahoogroups.com
> Sent: Thursday, September 15, 2011 10:52 PM
> Subject: RE: [ic706] IC-706 "silient rx" USB/LSB modes
>
> Hi John!
>
> If the original 706 is like my MK2g, the Squelch/RF knob should be set
> around 1 o'clock. The default setting is for Squelch/RF; this works like an
> RF gain control until 1 o'clock. It then serves as a squelch knob and gets
> tighter as you turn clockwise past 1 o'clock. It takes an extremely strong
> signal to open the squelch when set to full clockwise.
>
> Hope this helps!
>
> 73!

> 
> Will Rogers
> 
> W4WLR
> 
> _____
> 
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> John
> Hogenmiller
> Sent: Thursday, September 15, 2011 12:05
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
> 
> Hello,
> 
> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
> Everything works fine on 2M. I finally got around to testing it out on HF
> (actually, I finally got a dipole up to try HF as I got my General recently
> as well). I found on HF in either LSB or USB mode, the receive is
> completely
> silent.
> 
> Troubleshooting steps taken:
> 0) Squelch open all the way and performed a reset on the radio
> 1) I also have an IC-735. It seems to pick up everything just fine with the
> dipole.
> 2) I can Tx with the 706 and hear it on the 735.
> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for
> example, I can hear all sorts of WFM stations around 7Mhz)
> 
> Any thoughts? I probably won't want to mess with small surface-mount
> components, but I do know my way around a soldering iron and small repairs.
> 
> Thanks,
> John / kb3dfz
> 
> [Non-text portions of this message have been removed]
> 
> [Non-text portions of this message have been removed]
> 
> [Non-text portions of this message have been removed]
> 
> 
> 

[Non-text portions of this message have been removed]

# 19053. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 17:37:47 UTC
From: Larry J. Ford
Topic: 19049  Message: 19053

You should be telling ICOM, not me.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, September 16, 2011 1:22 PM
Subject: Re: [ic706] IC-706 "silient rx" USB/LSB modes

In my opinion, this was one of the dumbest design features that Icom has
come up with. It is pretty confusing. Much better to have the knob function
as either a RF gain or a squelch.

73s John AA5JG

On Fri, Sep 16, 2011 at 9:54 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Not arguing, but I thought for HF, the most "open" or sensitive position
> for the Squelch/RF knob is at the 12 o'clock (center) position for the RF
> gain control knob.
>
> The manual for my "original" 706, on Page 21, states: "The recommended
> position for RF gain is the center position since this sets RF gain to the
> max. and squelch just closed."
>
> Also, the RF control must be set properly in SETMODE (mentioned on Page
> 21), and discussed on Page 45 (Item 20) to use the Squelch/RF gain control
> for SSB.
>
> You are correct that setting the Squelch/RF gain fully clockwise will fully
> engage the Squelch.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Will Rogers
> To: ic706@yahoogroups.com
> Sent: Thursday, September 15, 2011 10:52 PM
> Subject: RE: [ic706] IC-706 "silient rx" USB/LSB modes
>
> Hi John!

>
> If the original 706 is like my MK2g, the Squelch/RF knob should be set
> around 1 o'clock. The default setting is for Squelch/RF; this works like an
> RF gain control until 1 o'clock. It then serves as a squelch knob and gets
> tighter as you turn clockwise past 1 o'clock. It takes an extremely strong
> signal to open the squelch when set to full clockwise.
>
> Hope this helps!
>
> 73!
>
> Will Rogers
>
> W4WLR
>
> _____
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> John
> Hogenmiller
> Sent: Thursday, September 15, 2011 12:05
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
>
> Hello,
>
> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
> Everything works fine on 2M. I finally got around to testing it out on HF
> (actually, I finally got a dipole up to try HF as I got my General recently
> as well). I found on HF in either LSB or USB mode, the receive is
> completely
> silent.
>
> Troubleshooting steps taken:
> 0) Squelch open all the way and performed a reset on the radio
> 1) I also have an IC-735. It seems to pick up everything just fine with the
> dipole.
> 2) I can Tx with the 706 and hear it on the 735.
> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for
> example, I can hear all sorts of WFM stations around 7Mhz)
>
> Any thoughts? I probably won't want to mess with small surface-mount
> components, but I do know my way around a soldering iron and small repairs.
>
> Thanks,
> John / kb3dfz
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19054. RE: EXTERNAL: Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 17:52:51 UTC
From: Lefczik, Larry D
Topic: 19049  Message: 19054

Its function is set in the menu system.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Friday, September 16, 2011 1:38 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] IC-706 "silient rx" USB/LSB modes

You should be telling ICOM, not me.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, September 16, 2011 1:22 PM
Subject: Re: [ic706] IC-706 "silient rx" USB/LSB modes

In my opinion, this was one of the dumbest design features that Icom has
come up with. It is pretty confusing. Much better to have the knob function
as either a RF gain or a squelch.

73s John AA5JG

On Fri, Sep 16, 2011 at 9:54 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Not arguing, but I thought for HF, the most "open" or sensitive position
> for the Squelch/RF knob is at the 12 o'clock (center) position for the RF
> gain control knob.
>
> The manual for my "original" 706, on Page 21, states: "The recommended
> position for RF gain is the center position since this sets RF gain to the
> max. and squelch just closed."
>
> Also, the RF control must be set properly in SETMODE (mentioned on Page
> 21), and discussed on Page 45 (Item 20) to use the Squelch/RF gain control
> for SSB.
>
> You are correct that setting the Squelch/RF gain fully clockwise will fully
> engage the Squelch.
>
> Larry J. Ford
> KG4GPJ
>

> ----- Original Message -----
> From: Will Rogers
> To: ic706@yahoogroups.com
> Sent: Thursday, September 15, 2011 10:52 PM
> Subject: RE: [ic706] IC-706 "silient rx" USB/LSB modes
>
> Hi John!
>
> If the original 706 is like my MK2g, the Squelch/RF knob should be set
> around 1 o'clock. The default setting is for Squelch/RF; this works like an
> RF gain control until 1 o'clock. It then serves as a squelch knob and gets
> tighter as you turn clockwise past 1 o'clock. It takes an extremely strong
> signal to open the squelch when set to full clockwise.
>
> Hope this helps!
>
> 73!
>
> Will Rogers
>
> W4WLR
>
> _____
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> John
> Hogenmiller
> Sent: Thursday, September 15, 2011 12:05
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
>
> Hello,
>
> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
> Everything works fine on 2M. I finally got around to testing it out on HF
> (actually, I finally got a dipole up to try HF as I got my General recently
> as well). I found on HF in either LSB or USB mode, the receive is
> completely
> silent.
>
> Troubleshooting steps taken:
> 0) Squelch open all the way and performed a reset on the radio
> 1) I also have an IC-735. It seems to pick up everything just fine with the
> dipole.
> 2) I can Tx with the 706 and hear it on the 735.
> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for
> example, I can hear all sorts of WFM stations around 7Mhz)
>
> Any thoughts? I probably won't want to mess with small surface-mount
> components, but I do know my way around a soldering iron and small repairs.

>
> Thanks,
> John / kb3dfz
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19055. Audio feedback when transmitting

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 19:33:04 UTC
From: Rick M
Topic: 19055  Message: 19055

OK,I know this has been asked before but has anyone found a fix for the audio feedback in the speakers when transmitting in the Icom 706 MkII ?

Rick

# 19056. Re: [ic706] Audio feedback when transmitting

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 20:45:17 UTC
From: Mike Rodgers
Topic: 19055  Message: 19056

The only problem I had was using a mag mount mobile. Snap on ferrite cores helped. There can be some odd things happen with 15,17m.
What band, antenna, external, powered external speakers?

73
Mike R

Sent from my spy ring

On Sep 16, 2011, at 2:33 PM, "Rick M" <rmckee1957@...> wrote:

> OK,I know this has been asked before but has anyone found a fix for the audio feedback in the speakers when transmitting in the Icom 706 MkII ?
>
> Rick
>
>

[Non-text portions of this message have been removed]

# 19057. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 21:06:27 UTC
From: John Hogenmiller
Topic: 19049  Message: 19057

I was really hoping that this would be the simple answer. I could then adjust the knob and slap myself for not seeing it in the manual.

Unfortunately, it seems to be silent in any rf gain/sql position. Once I thought back, I had originally started in the "12 o clock" position and then turned CCW when trying to hear anything. Turning CW from either 12 or 1 just increases squelch.

Hopefully this is an easy fix.. I paid $300 for it and that's a good bit of money for just 2M.

-John/kb3dfz

On Thu, Sep 15, 2011 at 10:52 PM, Will Rogers <w4wlr@...> wrote:

> **
>
>
> Hi John!
>
> If the original 706 is like my MK2g, the Squelch/RF knob should be set
> around 1 o'clock. The default setting is for Squelch/RF; this works like an
> RF gain control until 1 o'clock. It then serves as a squelch knob and gets
> tighter as you turn clockwise past 1 o'clock. It takes an extremely strong
> signal to open the squelch when set to full clockwise.
>
> Hope this helps!
>
> 73!
>
> Will Rogers
>
> W4WLR
>
> _____
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> John
> Hogenmiller
> Sent: Thursday, September 15, 2011 12:05
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
>
>
> Hello,
>

> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
> Everything works fine on 2M. I finally got around to testing it out on HF
> (actually, I finally got a dipole up to try HF as I got my General recently
> as well). I found on HF in either LSB or USB mode, the receive is
> completely
> silent.
>
> Troubleshooting steps taken:
> 0) Squelch open all the way and performed a reset on the radio
> 1) I also have an IC-735. It seems to pick up everything just fine with the
> dipole.
> 2) I can Tx with the 706 and hear it on the 735.
> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again (for
> example, I can hear all sorts of WFM stations around 7Mhz)
>
> Any thoughts? I probably won't want to mess with small surface-mount
> components, but I do know my way around a soldering iron and small repairs.
>
> Thanks,
> John / kb3dfz
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19058. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 21:31:49 UTC
From: John Geiger
Topic: 19049  Message: 19058

Does it receive at all in CW? Does it receive on SSB ok on 2m?

73s John AA5JG

----- Original Message -----
From: "John Hogenmiller" <john@...>
To: <ic706@yahoogroups.com>
Sent: Friday, September 16, 2011 9:06 PM
Subject: Re: [ic706] IC-706 "silient rx" USB/LSB modes

>I was really hoping that this would be the simple answer. I could then
> adjust the knob and slap myself for not seeing it in the manual.
>
> Unfortunately, it seems to be silent in any rf gain/sql position. Once I
> thought back, I had originally started in the "12 o clock" position and
> then
> turned CCW when trying to hear anything. Turning CW from either 12 or 1
> just
> increases squelch.
>
> Hopefully this is an easy fix.. I paid $300 for it and that's a good bit
> of
> money for just 2M.
>
> -John/kb3dfz
>
> On Thu, Sep 15, 2011 at 10:52 PM, Will Rogers <w4wlr@...> wrote:
>
>> **
>>
>>
>> Hi John!
>>
>> If the original 706 is like my MK2g, the Squelch/RF knob should be set
>> around 1 o'clock. The default setting is for Squelch/RF; this works like
>> an
>> RF gain control until 1 o'clock. It then serves as a squelch knob and
>> gets
>> tighter as you turn clockwise past 1 o'clock. It takes an extremely
>> strong
>> signal to open the squelch when set to full clockwise.
>>
>> Hope this helps!
>>
>> 73!
>>

>> Will Rogers
>>
>> W4WLR
>>
>> _____
>>
>> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
>> John
>> Hogenmiller
>> Sent: Thursday, September 15, 2011 12:05
>> To: ic706@yahoogroups.com
>> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
>>
>>
>> Hello,
>>
>> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
>> Everything works fine on 2M. I finally got around to testing it out on HF
>> (actually, I finally got a dipole up to try HF as I got my General
>> recently
>> as well). I found on HF in either LSB or USB mode, the receive is
>> completely
>> silent.
>>
>> Troubleshooting steps taken:
>> 0) Squelch open all the way and performed a reset on the radio
>> 1) I also have an IC-735. It seems to pick up everything just fine with
>> the
>> dipole.
>> 2) I can Tx with the 706 and hear it on the 735.
>> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again
>> (for
>> example, I can hear all sorts of WFM stations around 7Mhz)
>>
>> Any thoughts? I probably won't want to mess with small surface-mount
>> components, but I do know my way around a soldering iron and small
>> repairs.
>>
>> Thanks,
>> John / kb3dfz
>>
>> [Non-text portions of this message have been removed]
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]

>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19059. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-16 23:00:25 UTC
From: John Hogenmiller
Topic: 19049  Message: 19059

Apparently it does not. I turned both radios to 10.130 and I can hear CW on the 735, but silence again on the 706. Unfortunately, I do not have a key paddle to xmit on either radio. I did try transmitting silence on the 735 but this produced no effect on the 706.

As far as SSB/2M.. I don't have the equipment to test this.None of my other 2M equipment has SSB mode in the 2M section. While this experiment is probably invalid, I turned the 706 and a kenwood tr-7730 to 144.200. The 706 is set to USB mode. When I Tx from the kenwood, I hear a short click on the 706, but I have to have the squelch completely off and into the RF gain side.

On Fri, Sep 16, 2011 at 5:31 PM, John Geiger <aa5jg@...> wrote:

> **
>
>
> Does it receive at all in CW? Does it receive on SSB ok on 2m?
>
> 73s John AA5JG
>
>
> ----- Original Message -----
> From: "John Hogenmiller" <john@...>
> To: <ic706@yahoogroups.com>
> Sent: Friday, September 16, 2011 9:06 PM
> Subject: Re: [ic706] IC-706 "silient rx" USB/LSB modes
>
> >I was really hoping that this would be the simple answer. I could then
> > adjust the knob and slap myself for not seeing it in the manual.
> >
> > Unfortunately, it seems to be silent in any rf gain/sql position. Once I
> > thought back, I had originally started in the "12 o clock" position and
> > then
> > turned CCW when trying to hear anything. Turning CW from either 12 or 1
> > just
> > increases squelch.
> >
> > Hopefully this is an easy fix.. I paid $300 for it and that's a good bit
> > of
> > money for just 2M.
> >
> > -John/kb3dfz
> >
> > On Thu, Sep 15, 2011 at 10:52 PM, Will Rogers <w4wlr@...>
> wrote:

> >
> >> **
> >>
> >>
> >> Hi John!
> >>
> >> If the original 706 is like my MK2g, the Squelch/RF knob should be set
> >> around 1 o'clock. The default setting is for Squelch/RF; this works like
>
> >> an
> >> RF gain control until 1 o'clock. It then serves as a squelch knob and
> >> gets
> >> tighter as you turn clockwise past 1 o'clock. It takes an extremely
> >> strong
> >> signal to open the squelch when set to full clockwise.
> >>
> >> Hope this helps!
> >>
> >> 73!
> >>
> >> Will Rogers
> >>
> >> W4WLR
> >>
> >> _____
> >>
> >> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> >> John
> >> Hogenmiller
> >> Sent: Thursday, September 15, 2011 12:05
> >> To: ic706@yahoogroups.com
> >> Subject: [ic706] IC-706 "silient rx" USB/LSB modes
> >>
> >>
> >> Hello,
> >>
> >> I have an IC-706 "Mark 1" radio I bought used recently from a hamfest.
> >> Everything works fine on 2M. I finally got around to testing it out on
> HF
> >> (actually, I finally got a dipole up to try HF as I got my General
> >> recently
> >> as well). I found on HF in either LSB or USB mode, the receive is
> >> completely
> >> silent.
> >>
> >> Troubleshooting steps taken:
> >> 0) Squelch open all the way and performed a reset on the radio
> >> 1) I also have an IC-735. It seems to pick up everything just fine with
> >> the
> >> dipole.

> >> 2) I can Tx with the 706 and hear it on the 735.
> >> 3) Switching to AM/FM/WFM on the HF bands makes the radio noisy again
> >> (for
> >> example, I can hear all sorts of WFM stations around 7Mhz)
> >>
> >> Any thoughts? I probably won't want to mess with small surface-mount
> >> components, but I do know my way around a soldering iron and small
> >> repairs.
> >>
> >> Thanks,
> >> John / kb3dfz
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

# 19060. Re: [ic706] IC-706 "silient rx" USB/LSB modes

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 02:43:46 UTC
From: Mark Brueggemann
Topic: 19049  Message: 19060

--- On Fri, 9/16/11, John Hogenmiller <john@...> wrote:

> I paid $300 for it and that's a good bit of money for just 2M.

Wild guess - did whoever sold it to you take optional filters out?

Mark K5LXP
Albuquerque, NM

# 19061. Low audio on Icom 705 Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 14:28:23 UTC
From: rci2950sa
Topic: 19061  Message: 19061

Hi everyone

After a couple of months of not TXing on my ICOM 706-MK2G I climbed back onto 10 meters today and noticed something odd when I tried to transmit. Running full power on USB, mic gain at 8, no compression, and using the stock mic, I noticed that the ALC meter only peaked at around 2 or 3, and sometimes it didn't move at all. The power meter also seems a little subdued when I transmit. When I TX full carrier (on RTTY), I manage to get almost a full 100W on an external power meter.

Now I haven't used the rig in a while, so I can't remember if this is a normal reading for the settings I used above. I got the same results on both 2m and 10m on USB. What ALC reading should I expect on USB with a mic gain of 8 without compression? Could there be a problem with my audio?

Best regards
Kevin
ZR6CSI

# 19062. Re: [ic706] Low audio on Icom 705 Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 15:50:00 UTC
From: LARRY J. FORD
Topic: 19061  Message: 19062

Are you measuring the power output on SSB with a true active peak-reading wattmeter?

If not an "active" peak-reading wattmeter, then it reads only the "average" power-out on SSB because there's no steady carrier, and you'll see readings of maybe 1/3 of the peak SSB output.

FM, RTTY and CW (key-down) power-out readings will be the same for peak or average as those output a steady carrier.

LJF
KG4GPJ

------ Original Message ------
Received: Sat, 17 Sep 2011 10:28:38 AM EDT
From: "rci2950sa" <parryka@...>
To: ic706@yahoogroups.com
Subject: [ic706] Low audio on Icom 705 Mk2G?

> Hi everyone
>
> After a couple of months of not TXing on my ICOM 706-MK2G I climbed back onto 10 meters today and noticed something odd when I tried to transmit. Running full power on USB, mic gain at 8, no compression, and using the stock mic, I noticed that the ALC meter only peaked at around 2 or 3, and sometimes it didn't move at all. The power meter also seems a little subdued when I transmit. When I TX full carrier (on RTTY), I manage to get almost a full 100W on an external power meter.
>
> Now I haven't used the rig in a while, so I can't remember if this is a normal reading for the settings I used above. I got the same results on both 2m and 10m on USB. What ALC reading should I expect on USB with a mic gain of 8 without compression? Could there be a problem with my audio?
>
> Best regards
> Kevin
> ZR6CSI
>
>
>

# 19063. Re: [ic706] Low audio on Icom 705 Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 16:08:35 UTC
From: Mike Rodgers
Topic: 19061  Message: 19063

2 or 3 bars of alc is not normal.

73
Mike R

Sent from my spy ring

On Sep 17, 2011, at 10:50 AM, "LARRY J. FORD" <lford@...> wrote:

> Are you measuring the power output on SSB with a true active peak-reading
> wattmeter?
>
> If not an "active" peak-reading wattmeter, then it reads only the "average"
> power-out on SSB because there's no steady carrier, and you'll see readings of
> maybe 1/3 of the peak SSB output.
>
> FM, RTTY and CW (key-down) power-out readings will be the same for peak or
> average as those output a steady carrier.
>
> LJF
> KG4GPJ
>
> ------ Original Message ------
> Received: Sat, 17 Sep 2011 10:28:38 AM EDT
> From: "rci2950sa" <parryka@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Low audio on Icom 705 Mk2G?
>
> > Hi everyone
> >
> > After a couple of months of not TXing on my ICOM 706-MK2G I climbed back
> onto 10 meters today and noticed something odd when I tried to transmit.
> Running full power on USB, mic gain at 8, no compression, and using the stock
> mic, I noticed that the ALC meter only peaked at around 2 or 3, and sometimes
> it didn't move at all. The power meter also seems a little subdued when I
> transmit. When I TX full carrier (on RTTY), I manage to get almost a full 100W
> on an external power meter.
> >
> > Now I haven't used the rig in a while, so I can't remember if this is a
> normal reading for the settings I used above. I got the same results on both
> 2m and 10m on USB. What ALC reading should I expect on USB with a mic gain of
> 8 without compression? Could there be a problem with my audio?
> >
> > Best regards
> > Kevin
> > ZR6CSI

> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 19064. Re: Audio feedback when transmitting

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 15:41:23 UTC
From: Rick M
Topic: 19055  Message: 19064

This happens on all bands, power turned all the way down or up, into a dummy load, antenna, on battery power or home supply - does not matter and happened all of a sudden. Haven't tried it on the air for fear I might further damage something. I suspect a bad internal ground or component failure of some sort. Radio still puts out full power and receives just fine.

Rick M

Sent from my mind ;-)

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> The only problem I had was using a mag mount mobile. Snap on ferrite cores helped. There can be some odd things happen with 15,17m.
> What band, antenna, external, powered external speakers?
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Sep 16, 2011, at 2:33 PM, "Rick M" <rmckee1957@...> wrote:
>
> > OK,I know this has been asked before but has anyone found a fix for the audio feedback in the speakers when transmitting in the Icom 706 MkII ?
> >
> > Rick
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19065. Help with dead 706 mkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 18:18:26 UTC
From: Peter Halloway
Topic: 19065  Message: 19065

I was wondering if someone could point me in the right direction. I have a mkii 706 that is not switching on. 13V is getting in to the radio and IC1 is producing 5V for the soft start.
Access to the micro vcc pin is difficult so I have done a voltage check on IC40 pin 8. I was expecting 5V - the volt drop across D89 so around 4.3V but I am measuring 0.77V. Is this pointing to the diode or are there other areas I can look at.

I am hoping the micro is not fried. Any help is appreciated.

Pete
M0PKH

# 19066. Better RF Tune Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-17 22:30:19 UTC
From: Troynm
Topic: 19066  Message: 19066

I have the Better RF Tune Control for my Icom 706. It works fine except every time the radio is turned on it defaults to tune such that if I key the mike it goes into tune mode. I have to hit the tune button once every time I turn the radio on and then I am fine until the next time. I'm using it with a screwdriver antenna although that has no bearing on the issue. It can be on the same frequency as when I last tuned it up, sometimes minutes before and shut the radio off which really has no bearing on the issue either, but I know people will ask :-)

It's annoying, but if I remember to hit the tune button once every time the radio turns on I'm ok.

Any ideas?

Tom in NM
W5GV

[Non-text portions of this message have been removed]

# 19067. Re: Low audio on Icom 705 Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-18 07:16:18 UTC
From: rci2950sa
Topic: 19061  Message: 19067

Thanks for the replies. It's weird, but when I reduce the actual power of the rig down to between L and 5, then the ALC seems to give higher, normal readings. But as soon as I increase the power of the rig above 5, then the ALC meter goes dead, even though there is audio output on air when I transmit.

I think it's time to get the rig checked up.

Thanks again!
Kevin
ZR6CSI

# 19068. CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-23 22:23:06 UTC
From: Dave
Topic: 19068  Message: 19068

Hey everyone!
Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?

# 19069. Re: [ic706] CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 00:17:52 UTC
From: Mike Rodgers
Topic: 19068  Message: 19069

Been reading about similar issues with stray rf especially with led screens and touch screens.

73
Mike R

Sent from my spy ring

On Sep 23, 2011, at 5:23 PM, "Dave" <kb9mnm@...> wrote:

> Hey everyone!
> Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?
>
>

[Non-text portions of this message have been removed]

# 19070. Re: CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 17:15:44 UTC
From: gw0div@btinternet.com
Topic: 19068  Message: 19070

The problems with Prolific chip-set adapters and Windows Vista and 7 are well documented, HRD just seems to make them fall over quicker! You can try the latest Prolific drivers or get an adapter with the FTDI chip-set - remember not all Prolific chips are created equal!

Rhys
GW0DIV

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Been reading about similar issues with stray rf especially with led screens and touch screens.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Sep 23, 2011, at 5:23 PM, "Dave" <kb9mnm@...> wrote:
>
> > Hey everyone!
> > Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19071. Re: [ic706] Re: CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 17:49:58 UTC
From: Mark Friedlander
Topic: 19068  Message: 19071

If you're looking for a USB CI-V control cable, I like my Western Mountain RigTalk. It allow HRD and MixW to control my 706MKIIG without any problems. No serial or USB adapter needed.

Mark KV4I

On Sat, Sep 24, 2011 at 1:15 PM, gw0div@... <
gw0div@...> wrote:

> **
>
>
> The problems with Prolific chip-set adapters and Windows Vista and 7 are
> well documented, HRD just seems to make them fall over quicker! You can try
> the latest Prolific drivers or get an adapter with the FTDI chip-set -
> remember not all Prolific chips are created equal!
>
> Rhys
> GW0DIV
>
> --- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
> >
> > Been reading about similar issues with stray rf especially with led
> screens and touch screens.
> >
> > 73
> > Mike R
> >
> > Sent from my spy ring
> >
> > On Sep 23, 2011, at 5:23 PM, "Dave" <kb9mnm@...> wrote:
> >
> > > Hey everyone!
> > > Well, I was having the BSoD(blue screen of death) popping up everytime
> I was using my Prolific USB Hong King Special cable to control the 706 via
> HRD v5(beta). I hadnt tried it with any other programs, so I figured the
> cable was bad. Well I tried it with Airlink Express and didnt have any
> problems. Anyone else have these issues?
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

>

[Non-text portions of this message have been removed]

# 19072. Re: CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 17:53:53 UTC
From: Dave Wright
Topic: 19068  Message: 19072

Well, I have been using some of the other software that I have, like Fldigi and Fldrig and it seems to be working just fine. So far, no blue screen after an hour.

[Non-text portions of this message have been removed]

# 19073. Re: CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 19:40:04 UTC
From: Chris
Topic: 19068  Message: 19073

I have the same kind of cable which gives me BSOD with HRD But works fine with other software (as in never had a problem with it ever)
Just a problem with HRD 4 and 5

\solutions would be great!!

I have used all drivers for it Old to new and back but still a problem with HRD

--- In ic706@yahoogroups.com, "Dave" <kb9mnm@...> wrote:
>
> Hey everyone!
> Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?
>

# 19074. Re: CI-V Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-24 21:28:59 UTC
From: Dave
Topic: 19068  Message: 19074

Yeah, I agree Chris because I really like HRD, and all it's workings, but if this is going to make me decide whether or not I use HRD, I will have to do some thinking. I installed DXLabs suite(second time) and the cable works fine with Commander. Also with FLDigi and others. So, yeah, HRD had better get some type of fix going here soon. S'posin I should sign up for the yahoo group for them as well.

--- In ic706@yahoogroups.com, "Chris" <m0xrs@...> wrote:
>
> I have the same kind of cable which gives me BSOD with HRD But works fine with other software (as in never had a problem with it ever)
> Just a problem with HRD 4 and 5
>
> \solutions would be great!!
>
> I have used all drivers for it Old to new and back but still a problem with HRD
>
> --- In ic706@yahoogroups.com, "Dave" <kb9mnm@> wrote:
> >
> > Hey everyone!
> > Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?
> >
>

# 19075. HInts for a 706' novice

Yahoo group: ic706 (2010 — 2015)
Date: 2011-09-27 21:13:54 UTC
From: Papi
Topic: 19068  Message: 19075

All, greetings.

Best regards to all people from this Group.

I☐m novice in IC-706 and looking for good sites to keep hints and other good informations.

Please, do you may sugest some goood pages about IC-706 ?

73.

Roberto Bisotto ☐ PY3JA

De: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] Em nome de Dave
Enviada em: sábado, 24 de setembro de 2011 18:29
Para: ic706@yahoogroups.com
Assunto: [ic706] Re: CI-V Control

Yeah, I agree Chris because I really like HRD, and all it's workings, but if this is going to make me decide whether or not I use HRD, I will have to do some thinking. I installed DXLabs suite(second time) and the cable works fine with Commander. Also with FLDigi and others. So, yeah, HRD had better get some type of fix going here soon. S'posin I should sign up for the yahoo group for them as well.

--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "Chris" <m0xrs@...> wrote:
>
> I have the same kind of cable which gives me BSOD with HRD But works fine with other software (as in never had a problem with it ever)
> Just a problem with HRD 4 and 5
>
> \solutions would be great!!
>
> I have used all drivers for it Old to new and back but still a problem with HRD
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> , "Dave" <kb9mnm@> wrote:
> >
> > Hey everyone!
> > Well, I was having the BSoD(blue screen of death) popping up everytime I was using my Prolific USB Hong King Special cable to control the 706 via HRD v5(beta). I hadnt tried it with any other programs, so I figured the cable was bad. Well I tried it with Airlink Express and didnt have any problems. Anyone else have these issues?
> >

>

[Non-text portions of this message have been removed]

# 19076. swr goes off scale

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-01 13:27:15 UTC
From: rupert
Topic: 19076  Message: 19076

my mk11 was put away for a couple of years, using it on 20 meters for awhile swr and power out was ok no problem,after about 35 mins. the swr went to full scale and power dropped off,the rx was still ok on hf,now the rig only works on 2 meters,hf antenna checks out ok,any ideas re problem would be appreciated.thanks
Rupert
6y5rw

# 19077. serial number

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-02 22:54:24 UTC
From: George Porth
Topic: 19077  Message: 19077

hello

Am new member to the group.

New owner of used 706 mk2g.

would appreciate help or info. on decoding the serial number on my '06

George NY4FD Tnx es 73

# 19078. Re: [ic706] serial number

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-03 05:20:05 UTC
From: Jack
Topic: 19077  Message: 19078

on the group site search the messages for "serial number" it has been
covered many times

-----Original Message-----
From: George Porth
Sent: Sunday, October 02, 2011 6:54 PM
To: ic706@yahoogroups.com
Subject: [ic706] serial number

hello

Am new member to the group.

New owner of used 706 mk2g.

would appreciate help or info. on decoding the serial number on my '06

George NY4FD Tnx es 73

---

Yahoo! Groups Links

# 19079. Main board 706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-09 17:17:43 UTC
From: Lars Kvant
Topic: 19079  Message: 19079

Hello everybody

I have run into a problem with my dear old MkII.
One shielded coil, have come lose, and its sitting so
close to another similar coil, that I cant resolder it.

Now I wonder if someone has a mainboard sitting, that works.
Like I said, I dont have tools to fix my own...

73 de Lars

# 19080. ic706 go-box

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-10 12:17:36 UTC
From: David Westbrook
Topic: 19080  Message: 19080

I just finished a custom box for my 706/tuner/PC interfaces, and thought I'd share the write-up here, if it provides ideas to anyone else, or if others have done similar and have ideas/improvements or pictures to share.
http://dwestbrook.net/projects/ham/go-box-ic706/

--david
KJ4IZW

[Non-text portions of this message have been removed]

# 19081. Kantronics KAM All-Mode TNC to IC-706 interface cable

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-10 18:17:37 UTC
From: lford1951
Topic: 19081  Message: 19081

Looking for good source(s) for the above, either

(1) "ready-made" cable with DB-25 serial connector on the TNC side and a 13-pin DIN connector for the IC-706 Accessory Port on the rig side;
(I am aware of BUXCOMM)

OR

(2) Parts/parts list to build the above, with appropriate pin-out diagrams.

Thanks and 73,

Larry
KG4GPJ

# 19082. Re: Better RF Tune Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-12 01:28:28 UTC
From: Don Palmer
Topic: 19066  Message: 19082

Tom -

I don't have the Better RF Tune Control, but an item similar to that that generates a 10 watt CW tone for tuning manually - in the "Initial set mode items" of your 706 (hold the "lock" button down while powering up) and get to option 12 and shut off the A-Tune STRT and see if that corrects your problem. Mine is shut OFF. I know that function was intended for the optional AT-180 antenna tuner and to enable it to fire up when the unit was turned on or the SWR high at some point. In any case mine if OFF and the only time I activate that 10 watt tone is by pushing the TUNER/CALL button.

73
Don

--- In ic706@yahoogroups.com, "Troynm" <tseals4@...> wrote:
>
>
> I have the Better RF Tune Control for my Icom 706. It works fine except
> every time the radio is turned on it defaults to tune such that if I key the
> mike it goes into tune mode. I have to hit the tune button once every time I
> turn the radio on and then I am fine until the next time. I'm using it with
> a screwdriver antenna although that has no bearing on the issue. It can be
> on the same frequency as when I last tuned it up, sometimes minutes before
> and shut the radio off which really has no bearing on the issue either, but
> I know people will ask :-)
>
> It's annoying, but if I remember to hit the tune button once every time the
> radio turns on I'm ok.
>
> Any ideas?
>
> Tom in NM
> W5GV
>
>
>
> [Non-text portions of this message have been removed]
>

# 19083. RE: [ic706] Re: Better RF Tune Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-12 03:40:05 UTC
From: Troynm
Topic: 19066  Message: 19083

Thanks Don! That may be my problem as the previous owner did have an AT-180.
I will check tomorrow.

Tom in NM
W5GV

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Don
Palmer
Sent: Tuesday, October 11, 2011 7:28 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Better RF Tune Control

Tom -

I don't have the Better RF Tune Control, but an item similar to that that
generates a 10 watt CW tone for tuning manually - in the "Initial set mode
items" of your 706 (hold the "lock" button down while powering up) and get
to option 12 and shut off the A-Tune STRT and see if that corrects your
problem. Mine is shut OFF. I know that function was intended for the
optional AT-180 antenna tuner and to enable it to fire up when the unit was
turned on or the SWR high at some point. In any case mine if OFF and the
only time I activate that 10 watt tone is by pushing the TUNER/CALL button.

73
Don

--- In ic706@yahoogroups.com, "Troynm" <tseals4@...> wrote:
>
>
> I have the Better RF Tune Control for my Icom 706. It works fine
> except every time the radio is turned on it defaults to tune such that
> if I key the mike it goes into tune mode. I have to hit the tune
> button once every time I turn the radio on and then I am fine until
> the next time. I'm using it with a screwdriver antenna although that
> has no bearing on the issue. It can be on the same frequency as when I
> last tuned it up, sometimes minutes before and shut the radio off
> which really has no bearing on the issue either, but I know people
> will ask :-)
>
> It's annoying, but if I remember to hit the tune button once every
> time the radio turns on I'm ok.
>
> Any ideas?
>
> Tom in NM

> W5GV
>
>
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

# 19084. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-12 12:55:32 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19084

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /KAMXL_IC-706_Interfaces.pdf
Uploaded by : kb3co <kb3co@...>
Description : Interface Cables for KAM XL

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/KAMXL_IC-706_Interfaces.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kb3co <kb3co@...>

# 19085. Re: Kantronics KAM All-Mode TNC to IC-706 interface cable

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-12 13:08:47 UTC
From: kb3co
Topic: 19081  Message: 19085

Larry,
No single cable will do everything. I just uploaded to the file area drawings for every cable that you could want - five cables in all. The pin numbers for all connectors are 1 through n from top to bottom. I suggest that you buy a molded pigtail cable for both the 13-pin accessory connector and the 6-pin data connector - these are standard DIN connectors and fairly readily available - then solder a DB-9 on the other ends. Have fun.

73,
Charlie

--- In ic706@yahoogroups.com, "lford1951" <lford@...> wrote:
>
> Looking for good source(s) for the above, either
>
> (1) "ready-made" cable with DB-25 serial connector on the TNC side and a 13-pin DIN connector for the IC-706 Accessory Port on the rig side;
> (I am aware of BUXCOMM)
>
> OR
>
> (2) Parts/parts list to build the above, with appropriate pin-out diagrams.
>
> Thanks and 73,
>
> Larry
> KG4GPJ
>

# 19086. Re: [ic706] Re: Kantronics KAM All-Mode TNC to IC-706 interface cable

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-12 14:08:42 UTC
From: Larry J. Ford
Topic: 19081  Message: 19086

Charlie,

Thanks for the schematics on the pin assignments. I note I forgot to mention that the initial intended use is for VHF only for use on 2 meter packet, but I appreciate the HF drawings as well. I have an ICOM IC-7200 that I would probably use for the HF side.

One question: I note the drawings specify the "KAM XL." Are those pin assignments on the TNC side the same for the Kantronics KAM All-Mode TNC (a earlier version, I presume) which I have?

Also, since neither my original IC-706 nor the IC-706MKII that I have feature the 6-pin data port, I'm stuck with using the 13-pin DIN Accessory Port.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: kb3co
To: ic706@yahoogroups.com
Sent: Wednesday, October 12, 2011 9:08 AM
Subject: [ic706] Re: Kantronics KAM All-Mode TNC to IC-706 interface cable

Larry,
No single cable will do everything. I just uploaded to the file area drawings for every cable that you could want - five cables in all. The pin numbers for all connectors are 1 through n from top to bottom. I suggest that you buy a molded pigtail cable for both the 13-pin accessory connector and the 6-pin data connector - these are standard DIN connectors and fairly readily available - then solder a DB-9 on the other ends. Have fun.

73,
Charlie

--- In ic706@yahoogroups.com, "lford1951" <lford@...> wrote:
>
> Looking for good source(s) for the above, either
>
> (1) "ready-made" cable with DB-25 serial connector on the TNC side and a 13-pin DIN connector for the IC-706 Accessory Port on the rig side;
> (I am aware of BUXCOMM)
>
> OR
>
> (2) Parts/parts list to build the above, with appropriate pin-out diagrams.
>
> Thanks and 73,

>
> Larry
> KG4GPJ
>

[Non-text portions of this message have been removed]

# 19087. IC-706MKII gone wild...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 01:00:24 UTC
From: wb3czi
Topic: 19087  Message: 19087

Hello Group! I have a little problem that one of you may be able to help with.

I was given a dead 706MKII (no G) that upon power-up goes into a continuous downward frequency scan. The up-down buttons still select the bands correctly AND, the main tuning knob if turned clockwise at the "right" speed will "counteract" the downward scan so the encoder's working.

The unit starts scanning wherever it was powered down and counts all the way through 160 then cycles back to 900MHz. (?) The receive LED is ON and the radio is squelched (no audio).

I assume the problem is in the control head but I have no one with a similar radio to swap it for troubleshooting...

Any thoughts? Anyone seen this behavior before?

Joe - WB3CZI

# 19088. Re: [ic706] IC-706MKII gone wild...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 02:04:03 UTC
From: Wayne Bowyer
Topic: 19087  Message: 19088

Possibly a stuck "down" button on the mic? (providing the MKll has up/dwn buttons on the mic) my G model does. Have you tried resetting the microprocessor?

Wayne/n4eyz

On Wed, Oct 12, 2011 at 9:00 PM, wb3czi <joe.phelps@verizon.net> wrote:

> **
>
>
> Hello Group! I have a little problem that one of you may be able to help
> with.
>
> I was given a dead 706MKII (no G) that upon power-up goes into a continuous
> downward frequency scan. The up-down buttons still select the bands
> correctly AND, the main tuning knob if turned clockwise at the "right" speed
> will "counteract" the downward scan so the encoder's working.
>
> The unit starts scanning wherever it was powered down and counts all the
> way through 160 then cycles back to 900MHz. (?) The receive LED is ON and
> the radio is squelched (no audio).
>
> I assume the problem is in the control head but I have no one with a
> similar radio to swap it for troubleshooting...
>
> Any thoughts? Anyone seen this behavior before?
>
> Joe - WB3CZI
>
>
>

[Non-text portions of this message have been removed]

# 19089. Ignore previous email from me

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 03:00:06 UTC
From: Mike Rodgers
Topic: 19089  Message: 19089

I was hijacked. Spam

Sent from my spy ring

# 19090. RE: [ic706] IC-706MKII gone wild...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 03:20:36 UTC
From: Bob Reiff
Topic: 19087  Message: 19090

Does it do it with the mic UNplugged?

Bob, WA8ULW

-----Original Message-----
From: Wayne Bowyer [mailto:wayne.bowyer@...]
Sent: October 12, 2011 22:04
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MKII gone wild...

Possibly a stuck "down" button on the mic? (providing the MKll has up/dwn buttons on the mic) my G model does. Have you tried resetting the microprocessor?

Wayne/n4eyz

On Wed, Oct 12, 2011 at 9:00 PM, wb3czi <joe.phelps@...> wrote:

> **
>
>
> Hello Group! I have a little problem that one of you may be able to help
> with.
>
> I was given a dead 706MKII (no G) that upon power-up goes into a
continuous
> downward frequency scan. The up-down buttons still select the bands
> correctly AND, the main tuning knob if turned clockwise at the "right"
speed
> will "counteract" the downward scan so the encoder's working.
>
> The unit starts scanning wherever it was powered down and counts all the
> way through 160 then cycles back to 900MHz. (?) The receive LED is ON and
> the radio is squelched (no audio).
>
> I assume the problem is in the control head but I have no one with a
> similar radio to swap it for troubleshooting...
>
> Any thoughts? Anyone seen this behavior before?
>
> Joe - WB3CZI
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19091. Re: [ic706] IC-706MKII gone wild...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 18:00:17 UTC
From: Joe Phelps
Topic: 19087  Message: 19091

Hi Guys... and Thanks but I have tried ALL suggestions below and then some. I even Ohmed-out the mic connector's up/down lines at the control head thinking there may be a de-bounce cap leaking or shorted to ground. What I find strange is that all of the buttons and functions seem to work WHILE it is scanning (counting?) down. I can enter the various menu, change and save their settings - all while the number are spiraling down. A VERY strange problem.

But "Thanks" for the suggestions anyhow.

73,

Joe - WB3CZI

Bob Reiff wrote:
>
> Does it do it with the mic UNplugged?
>
> Bob, WA8ULW
>
> -----Original Message-----
> From: Wayne Bowyer [mailto:wayne.bowyer@...
> <mailto:wayne.bowyer%40gmail.com>]
> Sent: October 12, 2011 22:04
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] IC-706MKII gone wild...
>
> Possibly a stuck "down" button on the mic? (providing the MKll has up/dwn
> buttons on the mic) my G model does. Have you tried resetting the
> microprocessor?
>
> Wayne/n4eyz
>
> On Wed, Oct 12, 2011 at 9:00 PM, wb3czi <joe.phelps@...
> <mailto:joe.phelps%40verizon.net>> wrote:
>
> > Hello Group! I have a little problem that one of you may be able to help
> > with.
>
<snip>

# 19092. Re: [ic706] IC-706MKII gone wild...

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-13 19:54:15 UTC
From: Stu Capon
Topic: 19087  Message: 19092

At the risk of sharing my ignorance with the Internet.....

I think the mic buttons signal by pulling pin 2 to 5 (GND) for "up" and via a 470ohm for "down". (don't trust this -quick Googling is not calibrated)
One route would be for the sense voltage to be low or there to be some resistance in that area as you suggest like a leaky cap. If it was shorted I assume it would go UP.

Look up the correct voltage for Pin 2, measure it, if low the rest should fairly easy.

Stu
M0AQY

# 19093. Main board 706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-15 20:23:05 UTC
From: Lars Kvant
Topic: 19079  Message: 19093

Hello again

Looks like a main board is
going to be hard to locate, so a new question:

L51, does anybody know were to get a new?

Thanks
Lars

# 19094. RE: [ic706] Re: Better RF Tune Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-15 20:59:51 UTC
From: Troynm
Topic: 19066  Message: 19094

Don,

Thanks for this info. I fixed it. On my radio the option you talk about is not 12 but 27. In any case that did not work. What did work was option 28 - PTT Tune which starts tuning automatically when the PTT is switched. When I turned that off all is now well. My radio is a Mark II G so maybe the menu structure is different.

Thanks!
Tom in NM
W5GV

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Don Palmer
Sent: Tuesday, October 11, 2011 7:28 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Better RF Tune Control

Tom -

I don't have the Better RF Tune Control, but an item similar to that that generates a 10 watt CW tone for tuning manually - in the "Initial set mode items" of your 706 (hold the "lock" button down while powering up) and get to option 12 and shut off the A-Tune STRT and see if that corrects your problem. Mine is shut OFF. I know that function was intended for the optional AT-180 antenna tuner and to enable it to fire up when the unit was turned on or the SWR high at some point. In any case mine if OFF and the only time I activate that 10 watt tone is by pushing the TUNER/CALL button.

73
Don

# 19095. Re: [ic706] Main board 706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-15 21:15:38 UTC
From: Jack
Topic: 19079  Message: 19095

Have you tried Icom

-----Original Message-----
From: Lars Kvant
Sent: Saturday, October 15, 2011 4:23 PM
To: ic706@yahoogroups.com
Subject: [ic706] Main board 706 MkII

Hello again

Looks like a main board is
going to be hard to locate, so a new question:

L51, does anybody know were to get a new?

Thanks
Lars

---

Yahoo! Groups Links

# 19096. Re: Better RF Tune Control

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-17 16:17:11 UTC
From: Don Palmer
Topic: 19066  Message: 19096

Well, very good - my 706 is one of the older models and the PTT tune is number 13 (which was off also). Glad you got it performing like you wanted it.

73
Don
W0PSK
Topeka

--- In ic706@yahoogroups.com, "Troynm" <tseals4@...> wrote:
>
>
> Don,
>
> Thanks for this info. I fixed it. On my radio the option you talk about is
> not 12 but 27. In any case that did not work. What did work was option 28 -
> PTT Tune which starts tuning automatically when the PTT is switched. When I
> turned that off all is now well. My radio is a Mark II G so maybe the menu
> structure is different.
>
> Thanks!
> Tom in NM
> W5GV
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Don
> Palmer
> Sent: Tuesday, October 11, 2011 7:28 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: Better RF Tune Control
>
> Tom -
>
> I don't have the Better RF Tune Control, but an item similar to that that
> generates a 10 watt CW tone for tuning manually - in the "Initial set mode
> items" of your 706 (hold the "lock" button down while powering up) and get
> to option 12 and shut off the A-Tune STRT and see if that corrects your
> problem. Mine is shut OFF. I know that function was intended for the
> optional AT-180 antenna tuner and to enable it to fire up when the unit was
> turned on or the SWR high at some point. In any case mine if OFF and the
> only time I activate that 10 watt tone is by pushing the TUNER/CALL button.
>
> 73
> Don
>

# 19097. Re: Main board 706 MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-17 19:51:01 UTC
From: Lars Kvant
Topic: 19079  Message: 19097

Hi Jack

No, only about the mainboard itself...
will give it a try though

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> Have you tried Icom
>
> -----Original Message-----
> From: Lars Kvant
> Sent: Saturday, October 15, 2011 4:23 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Main board 706 MkII
>
> Hello again
>
> Looks like a main board is
> going to be hard to locate, so a new question:
>
> L51, does anybody know were to get a new?
>
> Thanks
> Lars
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 19098. Low level carrier

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-18 03:15:14 UTC
From: n4eyz
Topic: 19098  Message: 19098

Turned on rig this afternoon in preparation for a 20m sked. Discovered a substantial carrier when keying the mic. Did not have an accurate meter on it at the time but going by rig meter indications and current draw on metered supply I would guess 25+watts. I checked all setting and ended up resetting processor. Now it's a bit more normal but I still see about 3 watts (Bird 43). I remember years ago adjusting my old HW-101 for minimum carrier. I guess I need to do the same to my 706.
You folks ever had yours do the same?

# 19099. Re: [ic706] Low level carrier

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-18 03:51:52 UTC
From: Mike Rodgers
Topic: 19098  Message: 19099

Weird stuff on 15,17 but not 20. You might make sure the boards are tight,grounds.

73
Mike R

Sent from my spy ring

On Oct 17, 2011, at 10:15 PM, "n4eyz" <wayne.bowyer@...> wrote:

> Turned on rig this afternoon in preparation for a 20m sked. Discovered a substantial carrier when keying the mic. Did not have an accurate meter on it at the time but going by rig meter indications and current draw on metered supply I would guess 25+watts. I checked all setting and ended up resetting processor. Now it's a bit more normal but I still see about 3 watts (Bird 43). I remember years ago adjusting my old HW-101 for minimum carrier. I guess I need to do the same to my 706.
> You folks ever had yours do the same?
>
>

[Non-text portions of this message have been removed]

# 19100. Drift on WSPR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-18 19:41:15 UTC
From: George
Topic: 19100  Message: 19100

Hello,

First... I searched the group for answers before posting as per instructions received on my 1st. post. No answers that I could find.

I recently got a 706 mk2 g. A very nice rig to be sure. I have a 703 that I have been using on the digi modes.

I know the 703 has TXCO and no so with the 706.

With the 703 there is usually very little or no drift reported. The 706 gets reports on WSPR of 1-2-3 drift with 5w or less.

So folks my question is there any help or tips for drift without purchasing a TXCO for the 706?

Would thermally insulating the stock oscillator crystal help?

TU es 73 NY4FD

# 19101. Re: [ic706] Low level carrier

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 02:53:34 UTC
From: Wayne Bowyer
Topic: 19098  Message: 19101

Well I'm pleased to report that I'm not as smart as my 706. (I seriously doubt that will ever change) I thought I had a low level carrier and I did. What I didn't realize till earlier this afternoon was that I had enabled a tuning carrier (initial set mode item #28) used to initiate tuning after any frequency change while using the AH4 autotuner. Each time I changed frequency and keyed the PTT a low power carrier was emitted. I guess if I would've kept the PTT keyed a couple seconds longer I would have seen the carrier drop. Turned #28 off and all is back to normal.

Wayne
N4EYZ

On Mon, Oct 17, 2011 at 11:51 PM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> Weird stuff on 15,17 but not 20. You might make sure the boards are
> tight,grounds.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Oct 17, 2011, at 10:15 PM, "n4eyz" <wayne.bowyer@...> wrote:
>
> > Turned on rig this afternoon in preparation for a 20m sked. Discovered a
> substantial carrier when keying the mic. Did not have an accurate meter on
> it at the time but going by rig meter indications and current draw on
> metered supply I would guess 25+watts. I checked all setting and ended up
> resetting processor. Now it's a bit more normal but I still see about 3
> watts (Bird 43). I remember years ago adjusting my old HW-101 for minimum
> carrier. I guess I need to do the same to my 706.
> > You folks ever had yours do the same?
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19102. Re: [ic706] Low level carrier

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 03:23:49 UTC
From: Mike Rodgers
Topic: 19098  Message: 19102

I know your glad to find a remedy and without a bench charge!!!

Mike R

Sent from my spy ring

On Oct 18, 2011, at 9:53 PM, Wayne Bowyer <wayne.bowyer@...> wrote:

> Well I'm pleased to report that I'm not as smart as my 706. (I seriously
> doubt that will ever change) I thought I had a low level carrier and I did.
> What I didn't realize till earlier this afternoon was that I had enabled a
> tuning carrier (initial set mode item #28) used to initiate tuning after any
> frequency change while using the AH4 autotuner. Each time I changed
> frequency and keyed the PTT a low power carrier was emitted. I guess if I
> would've kept the PTT keyed a couple seconds longer I would have seen the
> carrier drop. Turned #28 off and all is back to normal.
>
> Wayne
> N4EYZ
>
> On Mon, Oct 17, 2011 at 11:51 PM, Mike Rodgers
> <mikerodgerske5gbc@...>wrote:
>
>> **
>>
>>
>> Weird stuff on 15,17 but not 20. You might make sure the boards are
>> tight,grounds.
>>
>> 73
>> Mike R
>>
>> Sent from my spy ring
>>
>> On Oct 17, 2011, at 10:15 PM, "n4eyz" <wayne.bowyer@...> wrote:
>>
>>> Turned on rig this afternoon in preparation for a 20m sked. Discovered a
>> substantial carrier when keying the mic. Did not have an accurate meter on
>> it at the time but going by rig meter indications and current draw on
>> metered supply I would guess 25+watts. I checked all setting and ended up
>> resetting processor. Now it's a bit more normal but I still see about 3
>> watts (Bird 43). I remember years ago adjusting my old HW-101 for minimum
>> carrier. I guess I need to do the same to my 706.
>>> You folks ever had yours do the same?
>>>
>>>

>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19103. Re: [ic706] Low level carrier

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 03:42:20 UTC
From: Wayne Bowyer
Topic: 19098  Message: 19103

Thanks Mike

Yup--all it cost me was some head scratchin' and two cups of coffee. That much I can afford!

Wayne

On Tue, Oct 18, 2011 at 11:23 PM, Mike Rodgers <mikerodgerske5gbc@...>wrote:

> **
>
>
> I know your glad to find a remedy and without a bench charge!!!
>
> Mike R
>
> Sent from my spy ring
>
> On Oct 18, 2011, at 9:53 PM, Wayne Bowyer <wayne.bowyer@gmail.com> wrote:
>
> > Well I'm pleased to report that I'm not as smart as my 706. (I seriously
> > doubt that will ever change) I thought I had a low level carrier and I
> did.
> > What I didn't realize till earlier this afternoon was that I had enabled
> a
> > tuning carrier (initial set mode item #28) used to initiate tuning after
> any
> > frequency change while using the AH4 autotuner. Each time I changed
> > frequency and keyed the PTT a low power carrier was emitted. I guess if I
> > would've kept the PTT keyed a couple seconds longer I would have seen the
> > carrier drop. Turned #28 off and all is back to normal.
> >
> > Wayne
> > N4EYZ
> >
> > On Mon, Oct 17, 2011 at 11:51 PM, Mike Rodgers
> > <mikerodgerske5gbc@...>wrote:
> >
> >> **
> >>
> >>
> >> Weird stuff on 15,17 but not 20. You might make sure the boards are
> >> tight,grounds.
> >>
> >> 73

> >> Mike R
> >>
> >> Sent from my spy ring
> >>
> >> On Oct 17, 2011, at 10:15 PM, "n4eyz" <wayne.bowyer@...> wrote:
> >>
> >>> Turned on rig this afternoon in preparation for a 20m sked. Discovered
> a
> >> substantial carrier when keying the mic. Did not have an accurate meter
> on
> >> it at the time but going by rig meter indications and current draw on
> >> metered supply I would guess 25+watts. I checked all setting and ended
> up
> >> resetting processor. Now it's a bit more normal but I still see about 3
> >> watts (Bird 43). I remember years ago adjusting my old HW-101 for
> minimum
> >> carrier. I guess I need to do the same to my 706.
> >>> You folks ever had yours do the same?
> >>>
> >>>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

# 19104. Re: [ic706] Drift on WSPR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 13:06:47 UTC
From: vernw9hly@mchsi.com
Topic: 19100  Message: 19104

You have experienced the same problem as I did when using the 706. I discontinued using it. Not the help you are seeking but may let you know your not alone.

Vern W9HLY

----- Original Message -----
From: George <ny4fd@...>
To: ic706@yahoogroups.com
Sent: Tue, 18 Oct 2011 14:41:15 -0500 (CDT)
Subject: [ic706] Drift on WSPR

Hello,

First... I searched the group for answers before posting as per instructions received on my 1st. post. No answers that I could find.

I recently got a 706 mk2 g. A very nice rig to be sure. I have a 703 that I have been using on the digi modes.

I know the 703 has TXCO and no so with the 706.

With the 703 there is usually very little or no drift reported. The 706 gets reports on WSPR of 1-2-3 drift with 5w or less.

So folks my question is there any help or tips for drift without purchasing a TXCO for the 706?

Would thermally insulating the stock oscillator crystal help?

TU es 73 NY4FD

---

Yahoo! Groups Links

# 19105. RE: [ic706] Drift on WSPR

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 14:39:20 UTC
From: Eric Vincent
Topic: 19100  Message: 19105

Hello,

I bought a used Icom IC-706MKII and I discover an intermittant problem.
After few contact my radio was completly mistuned, frequency error was
terrible and over 3khz and sometimes ok.

After a long investigation I found the culpit. A cold join or a dirty
variable capacitor in the TX Modulation section.
I have reheated all the pads and put a little bit of cleaner and the problem
disapear.

Dont forget, right after that you need to follow the calibration
procedurehave. A good frequency counter or service monitor is a must.

Good luck.
Eric VE2VXT / VE7YBC

----- Original Message -----
From: George <ny4fd@... <mailto:ny4fd%40yahoo.com> >
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Tue, 18 Oct 2011 14:41:15 -0500 (CDT)
Subject: [ic706] Drift on WSPR

Hello,

First... I searched the group for answers before posting as per instructions
received on my 1st. post. No answers that I could find.

I recently got a 706 mk2 g. A very nice rig to be sure. I have a 703 that I
have been using on the digi modes.

I know the 703 has TXCO and no so with the 706.

With the 703 there is usually very little or no drift reported. The 706 gets
reports on WSPR of 1-2-3 drift with 5w or less.

So folks my question is there any help or tips for drift without purchasing
a TXCO for the 706?

Would thermally insulating the stock oscillator crystal help?

TU es 73 NY4FD

---

[Non-text portions of this message have been removed]

# 19106. Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 19:56:12 UTC
From: George
Topic: 19106  Message: 19106

tnx fer replies.. very interesting...it appears that when the internal fan kicks in is when the drift appears. I need to add the fan mod for the heat sink. tnx agn es 73

# 19107. Re: [ic706] Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-19 22:34:03 UTC
From: vernw9hly@mchsi.com
Topic: 19106  Message: 19107

I also added the small fan and it made a difference but not enuff to continue using it at my house. More sour grapes from me, eh?

Vern

----- Original Message -----
From: George <ny4fd@...>
To: ic706@yahoogroups.com
Sent: Wed, 19 Oct 2011 14:56:12 -0500 (CDT)
Subject: [ic706] Drift

tnx fer replies.. very interesting...it appears that when the internal fan kicks in is when the drift appears. I need to add the fan mod for the heat sink. tnx agn es 73

---

Yahoo! Groups Links

# 19108. mfj-434 hook up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 07:56:20 UTC
From: nh6wz
Topic: 19108  Message: 19108

Hi all I followed instructions on mic set up. whats the wiring between radio and keyer ? I can get it to transmit, but audio is not working. any help appreciated. thanks - Kurt

# 19109. Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 21:02:09 UTC
From: zl1tbg
Topic: 19106  Message: 19109

The 706 can be fitted with the optional OCXO, in place of the standard TCXO. Recently I had both my 706 and MK2g running together, the 706 is considerably cooler running (my 706 fan runs all the time, Mk2g cycles annoyingly)

Ralph

--- In ic706@yahoogroups.com, vernw9hly@... wrote:
>
> I also added the small fan and it made a difference but not enuff to continue using it at my house. More sour grapes from me, eh?
>
> Vern
>
>
>
> ----- Original Message -----
> From: George <ny4fd@...>
> To: ic706@yahoogroups.com
> Sent: Wed, 19 Oct 2011 14:56:12 -0500 (CDT)
> Subject: [ic706] Drift
>
> tnx fer replies.. very interesting...it appears that when the internal fan kicks in is when the drift appears. I need to add the fan mod for the heat sink. tnx agn es 73
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 19110. Re: [ic706] Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 21:08:00 UTC
From: John Geiger
Topic: 19106  Message: 19110

one of the best design features of the 706 original is that the fan runs all of the time. Icom really dropped the ball by making the fan cycle in the MKII and MKIIG.

73s John AA5JG

----- Original Message -----
From: zl1tbg
To: ic706@yahoogroups.com
Sent: Thursday, October 20, 2011 9:02 PM
Subject: [ic706] Re: Drift

The 706 can be fitted with the optional OCXO, in place of the standard TCXO. Recently I had both my 706 and MK2g running together, the 706 is considerably cooler running (my 706 fan runs all the time, Mk2g cycles annoyingly)

Ralph

--- In ic706@yahoogroups.com, vernw9hly@... wrote:
>
> I also added the small fan and it made a difference but not enuff to continue using it at my house. More sour grapes from me, eh?
>
> Vern
>
>
>
> ----- Original Message -----
> From: George <ny4fd@...>
> To: ic706@yahoogroups.com
> Sent: Wed, 19 Oct 2011 14:56:12 -0500 (CDT)
> Subject: [ic706] Drift
>
> tnx fer replies.. very interesting...it appears that when the internal fan kicks in is when the drift appears. I need to add the fan mod for the heat sink. tnx agn es 73
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

[Non-text portions of this message have been removed]

# 19111. Re: [ic706] Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 21:57:40 UTC
From: Joe Isabella
Topic: 19106  Message: 19111

I agree, John.  One of the best mods out there is the Fan Mod, which I did to my MKIIG immediately on buying it (brand new).  Oddly, the IC-7000 fan is the same as the MK2G and it also runs quite hot.  I mod'ed that one the same way after buying it brand new.

Joe, N3JI

---
From: John Geiger <aa5jg@...>
To: ic706@yahoogroups.com
Sent: Thursday, October 20, 2011 4:08 PM
Subject: Re: [ic706] Re: Drift

one of the best design features of the 706 original is that the fan runs all of the time. Icom really dropped the ball by making the fan cycle in the MKII and MKIIG.

73s John AA5JG

----- Original Message -----
From: zl1tbg
To: ic706@yahoogroups.com
Sent: Thursday, October 20, 2011 9:02 PM
Subject: [ic706] Re: Drift

The 706 can be fitted with the optional OCXO, in place of the standard TCXO. Recently I had both my 706 and MK2g running together, the 706 is considerably cooler running (my 706 fan runs all the time, Mk2g cycles annoyingly)

Ralph

--- In ic706@yahoogroups.com, vernw9hly@... wrote:
>
> I also added the small fan and it made a difference but not enuff to continue using it at my house. More sour grapes from me, eh?
>
> Vern
>
>
>
> ----- Original Message -----
> From: George <ny4fd@...>
> To: ic706@yahoogroups.com
> Sent: Wed, 19 Oct 2011 14:56:12 -0500 (CDT)
> Subject: [ic706] Drift
>
> tnx fer replies.. very interesting...it appears that when the internal fan kicks in is when the drift appears. I need to add the fan mod for the heat sink. tnx agn es 73
>

>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19112. RE: [ic706] Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 22:03:25 UTC
From: Eric Vincent
Topic: 19106  Message: 19112

Hello group,

The only way that I found to calm the fan w/o any modifications is to run the radio at a lower voltage.
When my station is in standby, I set my Astron variable power supply to 12 Volts and when I use my radio I crank the supply to 13.8 Volts.

I have a MKII and a MKIIG and booth of them react the same maner.

73' Eric VE2VXT / VE7YBC

---

De : ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] De la part de John Geiger
Envoyé : 20 octobre 2011 17:08
À : ic706@yahoogroups.com
Objet : Re: [ic706] Re: Drift

one of the best design features of the 706 original is that the fan runs all of the time. Icom really dropped the ball by making the fan cycle in the MKII and MKIIG.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19113. Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-21 21:06:38 UTC
From: jb
Topic: 19106  Message: 19113

Could it be that, with the fan running all the time, the temps weren't stable enough to keep from drifting. If I got it right, it is the older versions that have more drift issues, right?

I have never notice any with my 'g' (no fan mod).

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> I agree, John.Â  One of the best mods out there is the Fan Mod, which I did to my MKIIG immediately on buying it (brand new).Â  Oddly, the IC-7000 fan is the same as the MK2G and it also runs quite hot.Â  I mod'ed that one the same way after buying it brand new.
>
> Joe, N3JI
>
>
>
> _____
> From: John Geiger <aa5jg@...>
> To: ic706@yahoogroups.com
> Sent: Thursday, October 20, 2011 4:08 PM
> Subject: Re: [ic706] Re: Drift
>
>
> Â
> one of the best design features of the 706 original is that the fan runs all of the time. Icom really dropped the ball by making the fan cycle in the MKII and MKIIG.
>
> 73s John AA5JG
>

# 19114. Re: Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 03:29:11 UTC
From: zl1tbg
Topic: 19106  Message: 19114

The original 706 has a 47 ohm chip resistor (on the PA board) to ground on the -ve side of the fan. This is what keeps the fan running quietly all the time, same could be inserted on Mk2 or later

Ralph

--- In ic706@yahoogroups.com, Eric Vincent <ericvin@...> wrote:
>
> Hello group,
>
> The only way that I found to calm the fan w/o any modifications is to run
> the radio at a lower voltage.
> When my station is in standby, I set my Astron variable power supply to 12
> Volts and when I use my radio I crank the supply to 13.8 Volts.
>
> I have a MKII and a MKIIG and booth of them react the same maner.
>
> 73' Eric VE2VXT / VE7YBC
>
> _____
>
> De : ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] De la part de John
> Geiger
> Envoyé : 20 octobre 2011 17:08
> À : ic706@yahoogroups.com
> Objet : Re: [ic706] Re: Drift
>
>
>
>
> one of the best design features of the 706 original is that the fan runs all
> of the time. Icom really dropped the ball by making the fan cycle in the
> MKII and MKIIG.
>
> 73s John AA5JG
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19115. Drift

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 18:26:22 UTC
From: Rhys Griffiths
Topic: 19106  Message: 19115

Why re-invent the wheel - the MK2/MK2g mod is well documented on the net. I think the Athens ARC site has the best explanation. Khune also do a "stick-on" crystal heater that claims better stability than the Icom crystal oven.

Rhys
GW0DIV

Sent from Samsung Mobile

[Non-text portions of this message have been removed]

# 19116. RF Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-20 19:37:19 UTC
From: dboucher872
Topic: 19116  Message: 19116

Hello to all!

I recently purchased a 706MKII that was missing the RF knob. Does anyone know a good source for these, or have one lying around that I can purchase?

Thanks,
73,
David
KD0PLS

# 19117. Re: [ic706] RF Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 19:04:46 UTC
From: John Geiger
Topic: 19116  Message: 19117

Hi David,

Have you tried calling Icom? They seem to be pretty good for getting parts from. If they don't have any Scott at MTS repair might have a few available from parts units.

73s John AA5JG

----- Original Message -----
From: dboucher872
To: ic706@yahoogroups.com
Sent: Thursday, October 20, 2011 7:37 PM
Subject: [ic706] RF Knob

Hello to all!

I recently purchased a 706MKII that was missing the RF knob. Does anyone know a good source for these, or have one lying around that I can purchase?

Thanks,
73,
David
KD0PLS

[Non-text portions of this message have been removed]

# 19118. Re: [ic706] RF Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 19:07:01 UTC
From: Jack Foster
Topic: 19116  Message: 19118

Yes icom america has them
On Oct 23, 2011 2:41 PM, "dboucher872" <dboucher872@...> wrote:

> Hello to all!
>
> I recently purchased a 706MKII that was missing the RF knob. Does anyone
> know a good source for these, or have one lying around that I can purchase?
>
> Thanks,
> 73,
> David
> KD0PLS
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19119. 706 power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 19:14:13 UTC
From: BIG DAVE
Topic: 19119  Message: 19119

Hi, can anyone tell me power VR on 706mk2, I have ajusted ALC and thats made it better but on ten metres it peaks about 75w all other bands are ok. before a band policeman tells me I should only be doing 10w this is into a dummy load, no good having a radio thats not performing correctly.
Regards Dave.M3CAD.

# 19120. Re: [ic706] 706 power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 19:18:39 UTC
From: Joe
Topic: 19119  Message: 19120

LOL... Nice prediction.

It could be related to the output filter section. Have you checked for proper functioning there?

Joe, N3JI

BIG DAVE <m3cad@tiscali.co.uk> wrote:

>Hi, can anyone tell me power VR on 706mk2, I have ajusted ALC and thats made it better but on ten metres it peaks about 75w all other bands are ok. before a band policeman tells me I should only be doing 10w this is into a dummy load, no good having a radio thats not performing correctly.
> Regards Dave.M3CAD.
>

# 19121. Re: [ic706] 706 power

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-23 20:02:01 UTC
From: Facility 406 DM09
Topic: 19119  Message: 19121

"before a band policeman tells me I should only be doing 10w this is into a dummy load"

Unless the only 50 Ohm load you have is your antenna and you want to adjust for the highest power, in which case you're about 25W low...

Kurt

# 19122. Re: mfj-434 hook up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-24 15:53:42 UTC
From: nh6wz
Topic: 19108  Message: 19122

ok tried all kinda of different ways to see if I can get it to work. it does transmit the playback, but mic audio is not there, PTT and up/down works, just no modulation out to system, not even to record. am I missing something ? if not I will have to wire a different mic up and hopefully that works. My Kenwood works fine. any thoughts ? thanks - Kurt

# 19123. RF carrier usb on 17m/15m

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-24 22:59:04 UTC
From: James
Topic: 19123  Message: 19123

I have A ic-706mkIIg im getting an RF carrier on usb/lsb when I key the mike on 17m and 15m only full scale carrier. Antenna is A G5RV and the tuner is A MFJ-949E the radio and tuner are grounded, any ideas?

# 19124. Re: [ic706] RF carrier usb on 17m/15m

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-24 23:45:47 UTC
From: John Geiger
Topic: 19123  Message: 19124

Sounds like it might be going into self oscillation on those bands. That is a somewhat common problem. Take off the top cover, tighten down all circuit board screws, and see if that fixes it.

73s John AA5JG

----- Original Message -----
From: James
To: ic706@yahoogroups.com
Sent: Monday, October 24, 2011 10:59 PM
Subject: [ic706] RF carrier usb on 17m/15m

I have A ic-706mkIIg im getting an RF carrier on usb/lsb when I key the mike on 17m and 15m only full scale carrier. Antenna is A G5RV and the tuner is A MFJ-949E the radio and tuner are grounded, any ideas?

[Non-text portions of this message have been removed]

# 19125. Re: [ic706] RF carrier usb on 17m/15m

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-25 00:36:19 UTC
From: Mike Rodgers
Topic: 19123  Message: 19125

If that doesn't fix it and it probally will, report back. Someone has a mod. My mk2 does it occasionally. A swift slap on the top cover usually helps mine. I have seen a mod mentioned before.
I will do some digging if need be.

73
Mike R

Sent from my spy ring

On Oct 24, 2011, at 6:45 PM, "John Geiger" <aa5jg@...> wrote:

> Sounds like it might be going into self oscillation on those bands. That is a somewhat common problem. Take off the top cover, tighten down all circuit board screws, and see if that fixes it.
>
> 73s John AA5JG
>
> ----- Original Message -----
> From: James
> To: ic706@yahoogroups.com
> Sent: Monday, October 24, 2011 10:59 PM
> Subject: [ic706] RF carrier usb on 17m/15m
>
> I have A ic-706mkIIg im getting an RF carrier on usb/lsb when I key the mike on 17m and 15m only full scale carrier. Antenna is A G5RV and the tuner is A MFJ-949E the radio and tuner are grounded, any ideas?
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19126. Re: [ic706] RF carrier usb on 17m/15m

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-25 01:02:57 UTC
From: Wayne Bowyer
Topic: 19123  Message: 19126

My .02 cents just in case. Under the initial set mode #28 (pg #54 in the book) if that option is turned on then the rig generates a carrier (albeit a short one) each time the ptt is pressed. It's for AH4 tuner adjustment. I inadvertently enabled that on mine and is caused some confusion till I realized what I had unknowingly done. Probably not your problem but what the heck---thought I'd mention it.

Good luck!
Wayne
n4eyz

On Mon, Oct 24, 2011 at 8:36 PM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> If that doesn't fix it and it probally will, report back. Someone has a
> mod. My mk2 does it occasionally. A swift slap on the top cover usually
> helps mine. I have seen a mod mentioned before.
> I will do some digging if need be.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> On Oct 24, 2011, at 6:45 PM, "John Geiger" <aa5jg@...> wrote:
>
> > Sounds like it might be going into self oscillation on those bands. That
> is a somewhat common problem. Take off the top cover, tighten down all
> circuit board screws, and see if that fixes it.
> >
> > 73s John AA5JG
> >
> > ----- Original Message -----
> > From: James
> > To: ic706@yahoogroups.com
> > Sent: Monday, October 24, 2011 10:59 PM
> > Subject: [ic706] RF carrier usb on 17m/15m
> >
> > I have A ic-706mkIIg im getting an RF carrier on usb/lsb when I key the
> mike on 17m and 15m only full scale carrier. Antenna is A G5RV and the tuner
> is A MFJ-949E the radio and tuner are grounded, any ideas?
> >
> > [Non-text portions of this message have been removed]

> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19127. Re: RF Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-25 06:54:40 UTC
From: gunnystungun
Topic: 19116  Message: 19127

Nearest Walmart parking lot. Look for vehicles with funny looking antennas and unlocked doors. (Unlocked doors optional)

--- In ic706@yahoogroups.com, "dboucher872" <dboucher872@...> wrote:
>
> Hello to all!
>
> I recently purchased a 706MKII that was missing the RF knob. Does anyone know a good source for these, or have one lying around that I can purchase?
>
> Thanks,
> 73,
> David
> KD0PLS
>

# 19128. Re: [ic706] RF Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-25 07:07:06 UTC
From: David Boucher
Topic: 19116  Message: 19128

Thanks, I'll give them a call and get one.

73,
David
KD0PLS

On Sun, Oct 23, 2011 at 2:07 PM, Jack Foster <jack.mrfixit198@...>wrote:

> **
>
>
> Yes icom america has them
>
> On Oct 23, 2011 2:41 PM, "dboucher872" <dboucher872@...> wrote:
>
> > Hello to all!
> >
> > I recently purchased a 706MKII that was missing the RF knob. Does anyone
> > know a good source for these, or have one lying around that I can
> purchase?
> >
> > Thanks,
> > 73,
> > David
> > KD0PLS
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
>
> >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19129. Re: mfj-434 hook up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-26 08:31:38 UTC
From: nh6wz
Topic: 19108  Message: 19129

ok seems like I am the only one trying to use a 706 with a mfj 434b. well turns out you do need to change the internal jmp 6 from factory set 0 v. to what ever your manufac. specs are. I son't know what the 706 is I guess 8v but un sure, so I have it at 5 v. setting and it works ! so hope this helps someone. 73 - Kurt

# 19130. Re: mfj-434 hook up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-26 03:02:30 UTC
From: nh6wz
Topic: 19108  Message: 19130

ok so I read that because hm-103 is a electret condenser mic, that it needs voltage to operate and Icom inserts it thru the mic line, so that is probably the reason for not having audio right ?! so mfj has a voltage setting with jumpers inside the 434b, anyone know what voltage setting ? and what pin it will send it on ?Someone probably have run a set up like this somewhere, any info please. thanks kurt

# 19131. Re: [ic706] Re: mfj-434 hook up

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-26 14:13:27 UTC
From: Mike Rodgers
Topic: 19108  Message: 19131

I believe it is 8v.
Glad you got it going.

73
Mike R

Sent from my spy ring

On Oct 26, 2011, at 3:31 AM, "nh6wz" <nh6wz@...> wrote:

>
> ok seems like I am the only one trying to use a 706 with a mfj 434b. well turns out you do need to change the internal jmp 6 from factory set 0 v. to what ever your manufac. specs are. I son't know what the 706 is I guess 8v but un sure, so I have it at 5 v. setting and it works ! so hope this helps someone. 73 - Kurt
>
>

[Non-text portions of this message have been removed]

# 19132. 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 16:22:21 UTC
From: Larry J. Ford
Topic: 19132  Message: 19132

Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.

I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.

This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.

I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?

Thanks and 73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19133. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 16:26:29 UTC
From: Mike Rodgers
Topic: 19132  Message: 19133

Physically 102 plus 4 or 6 inch spring. I don't think your going to find a 118.

Mike R

Sent from my spy ring

On Oct 27, 2011, at 11:22 AM, "Larry J. Ford" <lford@...> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19134. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 16:28:23 UTC
From: Scott Brown - KD4YDD
Topic: 19132  Message: 19134

What about 102" whip that radio shack sells?

Sent from my iPhone

On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19135. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 16:49:46 UTC
From: Larry J. Ford
Topic: 19132  Message: 19135

Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 12:28 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

What about 102" whip that radio shack sells?

Sent from my iPhone

On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19136. RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:09:43 UTC
From: Bob Reiff
Topic: 19132  Message: 19136

As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won't need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!

Bob, WA8ULW

From: Larry J. Ford [mailto:lford@...]
Sent: October 27, 2011 12:50
To: ic706@yahoogroups.com
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ;
<ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Sent: Thursday, October 27, 2011 12:28 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

What about 102" whip that radio shack sells?

Sent from my iPhone

On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>

> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19137. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:16:43 UTC
From: Wayne Bowyer
Topic: 19132  Message: 19137

For what it's worth--I ran my 706G mobile for many years using the AH4 tuner. I initially ran a 102" CB whip and spring with ok results. Although it's tough to do really well on 75 meters with 100 watts mobile. But I really didn't like all that steel whipping back an forth on my truck. I replaced the whip with a 40M hamstick (still fed with AH4). Antenna was nicer looking (IMO) did not flap as much and loaded up much easier on everything from 75 to 6 meters. God decent signal reports too for a 100w mobile. And hamsticks are not expensive. Think I paid $20 at a hamfest.

On Thu, Oct 27, 2011 at 12:49 PM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80
> meters unless something like a "capacitance hat" would work and could be
> jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element?
> Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30
> MHz with an antenna element longer than 3 meters. 3 meters is a bit longer
> than 118 inches, but I really only want to match 3.9 MHz and above, so 118
> inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base,
> and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next

> weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19138. RE: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:20:48 UTC
From: Lefczik, Larry D
Topic: 19132  Message: 19138

When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.

The best thing may be to find a Army surplus whip and bend it over the car.

I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
Sent: Thursday, October 27, 2011 1:10 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!

Bob, WA8ULW

From: Larry J. Ford [mailto:lford@usa.net]
Sent: October 27, 2011 12:50
To: ic706@yahoogroups.com
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ;
<ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Sent: Thursday, October 27, 2011 12:28 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

What about 102" whip that radio shack sells?

Sent from my iPhone

On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@usa.net <mailto:lford%40usa.net> > wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19139. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:29:51 UTC
From: Scott Brown - KD4YDD
Topic: 19132  Message: 19139

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50

> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19140. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:45:37 UTC
From: Dave Santoro - W6BTS
Topic: 19132  Message: 19140

Larry,

I have almost exactly the same setup in my vehicle excepting that I'm using the AH-4 tuner.

I purchased a 108" SS Whip from Radio Shack, added a quick disconnect adapter and a heavy duty Mil-Spec spring and my matches are very nearly flat across the HF band including 6mtr. I get very good signal reports and no complaints from other nearby stations.

This setup also allows me to connect a long wire to the top of the whip increasing the ease of tuning and improving signal effect.

BoL & 73,

Dave - W6BTS

---
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <IcomTuner@yahoogroups.com>
Cc: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 9:22 AM
Subject: [ic706] 118-inch SS whip antenna element - source?

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19141. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:55:41 UTC
From: Larry J. Ford
Topic: 19132  Message: 19141

THANK YOU!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:29 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW

>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any

vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19142. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 18:05:26 UTC
From: Larry J. Ford
Topic: 19132  Message: 19142

I figured-out your "little" joke! A Google search for 118" stainless steel whip antenna will bring up a listing for .188" (diameter) stainless steel whip antenna, which is what that website lists.

There's a wisea$$ in every crowd.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:29 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!

>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >

> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19143. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 18:34:03 UTC
From: Dave Santoro - W6BTS
Topic: 19132  Message: 19143

Larry,

I forgot to mention, I modified my AH-4 and installed PL239 jacks for input and output. In this way I've all but eliminated the risk of hands or other items contacting any high voltage and allowing full coaxial connections. No comments from the peanut gallery please, it's functions perfectly, no worries.

73,

Dave - W6BTS

_____

----- Original Message -----
From: "Dave Santoro - W6BTS" <w6bts@...>
To: <ic706@yahoogroups.com>; <IcomTuner@yahoogroups.com>
Cc: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 10:45 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

> Larry,
>
> I have almost exactly the same setup in my vehicle excepting that I'm using the AH-4 tuner.
>
> I purchased a 108" SS Whip from Radio Shack, added a quick disconnect adapter and a heavy duty Mil-Spec spring and my matches are very nearly flat across the HF band including 6mtr. I get very good signal reports and no complaints from other nearby stations.
>
> This setup also allows me to connect a long wire to the top of the whip increasing the ease of tuning and improving signal effect.
>
> BoL & 73,
>
> Dave - W6BTS
> _____
> ----- Original Message -----
> From: "Larry J. Ford" <lford@...>
> To: <IcomTuner@yahoogroups.com>
> Cc: <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 9:22 AM
> Subject: [ic706] 118-inch SS whip antenna element - source?
>
>
>> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>>

>> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>>
>> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>>
>> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>>
>> Thanks and 73,
>>
>> Larry J. Ford
>> KG4GPJ
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19144. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 18:28:29 UTC
From: Scott Brown - KD4YDD
Topic: 19132  Message: 19144

Ah!

I missed the dot. .118"

My bad. :/

What about making something with all thread or the likes there of.

Sorry about the missing the dot. I was excited for a minute.

Sent from my iPhone

On Oct 27, 2011, at 2:05 PM, "Larry J. Ford" <lford@...> wrote:

> I figured-out your "little" joke! A Google search for 118" stainless steel whip antenna will bring up a listing for .188" (diameter) stainless steel whip antenna, which is what that website lists.
>
> There's a wisea$$ in every crowd.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: ic706@yahoogroups.com
> Sent: Thursday, October 27, 2011 1:29 PM
> Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> http://bridgemancommunications.com/antennas.aspx
>
> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:
>
> > When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
> >
> > The best thing may be to find a Army surplus whip and bend it over the car.

> >
> > I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
> >
> >
> > -----Original Message-----
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> > Sent: Thursday, October 27, 2011 1:10 PM
> > To: ic706@yahoogroups.com
> > Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
> >
> > As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
> >
> >
> >
> > Bob, WA8ULW
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > From: Larry J. Ford [mailto:lford@...]
> > Sent: October 27, 2011 12:50
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] 118-inch SS whip antenna element - source?
> >
> >
> >
> >
> >
> >
> > Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: Scott Brown - KD4YDD
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> > Sent: Thursday, October 27, 2011 12:28 PM
> > Subject: Re: [ic706] 118-inch SS whip antenna element - source?

> >
> > What about 102" whip that radio shack sells?
> >
> > Sent from my iPhone
> >
> > On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> >
wrote:
> >
> > > Do any of you know a good source for an 118-inch SS whip antenna element? Not having
much luck with Google.
> > >
> > > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an
antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I
really only want to match 3.9 MHz and above, so 118 inches should work.
> > >
> > > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM
IC-706MKII.
> > >
> > > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any
vendors likely to be there that would carry an 118-inch whip?
> > >
> > > Thanks and 73,
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
>

> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19145. RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 19:18:48 UTC
From: Bob Reiff
Topic: 19132  Message: 19145

Except they are not PL239's. I think you mean SO-239's which are chassis mounted female connectors that mate with the PL-259's which are on the end of the coax. We know what you meant.

Bob, WA8ULW

From: Dave Santoro - W6BTS [mailto:w6bts@...]
Sent: October 27, 2011 14:34
To: ic706@yahoogroups.com
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry,

I forgot to mention, I modified my AH-4 and installed PL239 jacks for input and output. In this way I've all but eliminated the risk of hands or other items contacting any high voltage and allowing full coaxial connections. No comments from the peanut gallery please, it's functions perfectly, no worries.

73,

Dave - W6BTS

---

----- Original Message -----
From: "Dave Santoro - W6BTS" <w6bts@... <mailto:w6bts%40sdfop.org> >
To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >;
<IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> >
Cc: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
Sent: Thursday, October 27, 2011 10:45 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

> Larry,
>
> I have almost exactly the same setup in my vehicle excepting that I'm using the AH-4 tuner.
>
> I purchased a 108" SS Whip from Radio Shack, added a quick disconnect adapter and a heavy duty Mil-Spec spring and my matches are very nearly flat across the HF band including 6mtr. I get very good signal reports and no complaints from other nearby stations.
>
> This setup also allows me to connect a long wire to the top of the whip increasing the ease of tuning and improving signal effect.
>
> BoL & 73,
>

> Dave - W6BTS
> _____
> ----- Original Message -----
> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net> >
> To: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> >
> Cc: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 9:22 AM
> Subject: [ic706] 118-inch SS whip antenna element - source?
>
>
>> Do any of you know a good source for an 118-inch SS whip antenna element?
Not having much luck with Google.
>>
>> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30
MHz with an antenna element longer than 3 meters. 3 meters is a bit longer
than 118 inches, but I really only want to match 3.9 MHz and above, so 118
inches should work.
>>
>> This would be for a mobile installation with the ICOM AH-2b antenna base,
and an ICOM IC-706MKII.
>>
>> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next
weekend; any vendors likely to be there that would carry an 118-inch whip?
>>
>> Thanks and 73,
>>
>> Larry J. Ford
>> KG4GPJ
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19146. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 19:18:04 UTC
From: Mike Rodgers
Topic: 19132  Message: 19146

In my mk2 manual it notes using the AH2b antenna which is a 2.5m long.
I think the only way to get a 118" whip will be to get a extension made or use a 18" one. Texas Bugcatcher used to make some nice ones of various lengths. I would try the 102 and if it won't tune, try the alligator clip wire extension before going to all that trouble/expense.
The extensions bugcatcher made were stainless steel tubing about 1/2 or 3/4 with nuts welded on the end.
The original Texas Bugcatcher was sold and I don't know current status but google will.

Good luck with the project.

Mike R

Sent from my spy ring

On Oct 27, 2011, at 11:22 AM, "Larry J. Ford" <lford@...> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19147. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 19:37:51 UTC
From: Larry J. Ford
Topic: 19132  Message: 19147

While at the Lawrenceville/Stone Mountain (GA) hamfest next week I'll look around for a 108-inch whip. Guess I'll have to carry a tape measure with me!

The element that ICOM furnished with the AH-2b antenna system was spec'd at 2.5 meters long, which slid down into the antenna element holder about 13 or 14 centimeters, and secured with Allen screws. The antenna element holder in turn screws into the mount base. The element holder is about 6 inches long and the mount base probably about the same, so it may all add up to 3 meters or close. The AH-2 tuner that was spec'd to match 3.5 MHz with an antenna of 3 meters or longer is physically bigger than the subsequent model AH-4 (which requires a lot longer element to match 3.5 MHz), so it probably has bigger coils/inductors or whatever that allows it to match 80 meters with only 3 meters of antenna. Interestingly, the AH-2 autotuner is also spec'd to match >1.9 MHz with an element of 12 meters or longer, which the AH-4 is not spec'd for (although has been known to match).

Of course, with an antenna length of only 3 meters, the efficiency on 80/75 meters is going to be very low, but it beats nothing, which I have for mobile HF right now! But if the bands keep coming back like recently, 40 meters (and maybe 60) should be OK with that set-up, and 20 through 10 should be a lot of fun!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 3:18 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

In my mk2 manual it notes using the AH2b antenna which is a 2.5m long.
I think the only way to get a 118" whip will be to get a extension made or use a 18" one. Texas Bugcatcher used to make some nice ones of various lengths. I would try the 102 and if it won't tune, try the alligator clip wire extension before going to all that trouble/expense.
The extensions bugcatcher made were stainless steel tubing about 1/2 or 3/4 with nuts welded on the end.
The original Texas Bugcatcher was sold and I don't know current status but google will.

Good luck with the project.

Mike R

Sent from my spy ring

On Oct 27, 2011, at 11:22 AM, "Larry J. Ford" <lford@...> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.

>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19148. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 19:52:20 UTC
From: George Moore
Topic: 19132  Message: 19148

I got one from MFJ at a hamfest.  I'm sure they will be there.  I sent them an email before the hamfest and they said they usually have them on the truck at all the fest.  About $25 if I remember right.
WV4W, George

From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 2:37 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

While at the Lawrenceville/Stone Mountain (GA) hamfest next week I'll look around for a 108-inch whip. Guess I'll have to carry a tape measure with me!

The element that ICOM furnished with the AH-2b antenna system was spec'd at 2.5 meters long, which slid down into the antenna element holder about 13 or 14 centimeters, and secured with Allen screws. The antenna element holder in turn screws into the mount base. The element holder is about 6 inches long and the mount base probably about the same, so it may all add up to 3 meters or close. The AH-2 tuner that was spec'd to match 3.5 MHz with an antenna of 3 meters or longer is physically bigger than the subsequent model AH-4 (which requires a lot longer element to match 3.5 MHz), so it probably has bigger coils/inductors or whatever that allows it to match 80 meters with only 3 meters of antenna. Interestingly, the AH-2 autotuner is also spec'd to match >1.9 MHz with an element of 12 meters or longer, which the AH-4 is not spec'd for (although has been known to match).

Of course, with an antenna length of only 3 meters, the efficiency on 80/75 meters is going to be very low, but it beats nothing, which I have for mobile HF right now! But if the bands keep coming back like recently, 40 meters (and maybe 60) should be OK with that set-up, and 20 through 10 should be a lot of fun!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 3:18 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

In my mk2 manual it notes using the AH2b antenna which is a 2.5m long.
I think the only way to get a 118" whip will be to get a extension made or use a 18" one. Texas Bugcatcher used to make some nice ones of various lengths. I would try the 102 and if it won't tune, try the alligator clip wire extension before going to all that trouble/expense.
The extensions bugcatcher made were stainless steel tubing about 1/2 or 3/4 with nuts welded on the end.
The original Texas Bugcatcher was sold and I don't know current status but google will.

Good luck with the project.

Mike R

Sent from my spy ring

On Oct 27, 2011, at 11:22 AM, "Larry J. Ford" <lford@usa.net> wrote:

> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19149. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 20:10:43 UTC
From: Dave Santoro - W6BTS
Topic: 19132  Message: 19149

Larry,

One last thought. The dramatically over priced ($350.00) ICOM AH-2 Whip Antenna kit includes a whip element of just 96" with the base and spring being 13-3/8" making the factory unit 109-3/8" total. Try for the 108" whip from Radio Shack, I think you'll do fine with that.

73,

Dave - W6BTS

---
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Cc: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 11:05 AM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

I figured-out your "little" joke! A Google search for 118" stainless steel whip antenna will bring up a listing for .188" (diameter) stainless steel whip antenna, which is what that website lists.

There's a wisea$$ in every crowd.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:29 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.

>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >

> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> >
wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having
much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an
antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I
really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM
IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any
vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19150. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 20:13:16 UTC
From: Dave Santoro - W6BTS
Topic: 19132  Message: 19150

Oops... Glad you did, I don't always know what I meant after saying it. Ha-Ha

Dave - W6BTS

---

----- Original Message -----
From: "Bob Reiff" <wa8ulw@...>
To: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 12:18 PM
Subject: RE: [ic706] 118-inch SS whip antenna element - source?

> Except they are not PL239's. I think you mean SO-239's which are chassis
> mounted female connectors that mate with the PL-259's which are on the end
> of the coax. We know what you meant.
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
>
> From: Dave Santoro - W6BTS [mailto:w6bts@...]
> Sent: October 27, 2011 14:34
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
>
> Larry,
>
> I forgot to mention, I modified my AH-4 and installed PL239 jacks for input
> and output. In this way I've all but eliminated the risk of hands or other
> items contacting any high voltage and allowing full coaxial connections. No
> comments from the peanut gallery please, it's functions perfectly, no
> worries.
>
> 73,
>

> Dave - W6BTS
> _____
>
> ----- Original Message -----
> From: "Dave Santoro - W6BTS" <w6bts@... <mailto:w6bts%40sdfop.org> >
> To: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >;
> <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> >
> Cc: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 10:45 AM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>> Larry,
>>
>> I have almost exactly the same setup in my vehicle excepting that I'm
> using the AH-4 tuner.
>>
>> I purchased a 108" SS Whip from Radio Shack, added a quick disconnect
> adapter and a heavy duty Mil-Spec spring and my matches are very nearly flat
> across the HF band including 6mtr. I get very good signal reports and no
> complaints from other nearby stations.
>>
>> This setup also allows me to connect a long wire to the top of the whip
> increasing the ease of tuning and improving signal effect.
>>
>> BoL & 73,
>>
>> Dave - W6BTS
>> _____
>> ----- Original Message -----
>> From: "Larry J. Ford" <lford@... <mailto:lford%40usa.net> >
>> To: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> >
>> Cc: <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
>> Sent: Thursday, October 27, 2011 9:22 AM
>> Subject: [ic706] 118-inch SS whip antenna element - source?
>>
>>
>>> Do any of you know a good source for an 118-inch SS whip antenna element?
> Not having much luck with Google.
>>>
>>> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30
> MHz with an antenna element longer than 3 meters. 3 meters is a bit longer
> than 118 inches, but I really only want to match 3.9 MHz and above, so 118
> inches should work.
>>>
>>> This would be for a mobile installation with the ICOM AH-2b antenna base,
> and an ICOM IC-706MKII.
>>>
>>> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next
> weekend; any vendors likely to be there that would carry an 118-inch whip?
>>>

>>> Thanks and 73,
>>>
>>> Larry J. Ford
>>> KG4GPJ
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19151. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-27 17:05:23 UTC
From: Joe
Topic: 19132  Message: 19151

I've tried a tuned whip down there and it's pretty much a dummy load. Couldn't make a single contact. I think all the effort of coming up with a slightly linger whip won't pay off. Even 40m was a little dicey. My Hi-Q on the other hand performs quite well on 40/75m...

Joe, N3JI

"Larry J. Ford" <lford@usa.net> wrote:

>Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@usa.net> wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford

> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 19152. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 15:11:29 UTC
From: Larry J. Ford
Topic: 19132  Message: 19152

OK, I was just about right with my "guesstimates" on the overall length of the radiating part of that set-up with the stock antenna element plus the element holder and the base/spring.

I paid <$200.00 for the AH-2 tuner AND the AH-2b antenna system from another ham, but the latter was missing the antenna element and antenna element holder, which I replaced fairly cheaply.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave Santoro - W6BTS
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 4:10 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Larry,

One last thought. The dramatically over priced ($350.00) ICOM AH-2 Whip Antenna kit includes a whip element of just 96" with the base and spring being 13-3/8" making the factory unit 109-3/8" total. Try for the 108" whip from Radio Shack, I think you'll do fine with that.

73,

Dave - W6BTS

---
----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Cc: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 11:05 AM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

I figured-out your "little" joke! A Google search for 118" stainless steel whip antenna will bring up a listing for .188" (diameter) stainless steel whip antenna, which is what that website lists.

There's a wisea$$ in every crowd.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:29 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...m> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com

> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19153. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 15:17:46 UTC
From: Larry J. Ford
Topic: 19132  Message: 19153

And you paid $???? for your Hi-Q model?

Are you saying you tried the ICOM AH-2b mobile antenna system with a "tuned whip" and couldn't make a contact?

Let's talk "apples to apples," here, not "apples to oranges."

I have considered selling-off all the mobile stuff I have to put that money toward a good screwdriver system, but that would likely require at least another $200 -$300, and I don't exactly have the best mounting place or vehicle for a big screwdriver. I'd be limited to something like the Tarheel II (don't know what the Hi-Q equivalent is), which might not do any better than the AH-2b system with a 108-inch whip and the AH-2 tuner.

Is Hi-Q the brand of screwdriver recommended by Alan Applegate, K0BG?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:05 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

I've tried a tuned whip down there and it's pretty much a dummy load. Couldn't make a single contact. I think all the effort of coming up with a slightly linger whip won't pay off. Even 40m was a little dicey. My Hi-Q on the other hand performs quite well on 40/75m...

Joe, N3JI

"Larry J. Ford" <lford@...> wrote:

>Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>

> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19154. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 16:44:31 UTC
From: Dave Santoro - W6BTS
Topic: 19132  Message: 19154

Larry,

Well I'm somewhat ashamed to admit it but about two years ago I fell for the ICOM hype on the AH-2B antenna kit. I paid full retail and anxiously brought it back to my shop intent on installing it. Now the intended target vehicle was my trusty Nissan Quest Van that I've upgraded to support extended field operations including dual batteries, 200 amp alternator, solar panel backup and deployable grounding straps. Other then the appearance of a land-locked fishing boat, minus the Seagulls it still serves as a useful mini van.

But I digress, after considering the AH-2b's mounting requirements, quite hefty, I decided that the entire thing belongs on the back of a HUMMV rather then my little Quest. So back into the box and into storage waiting for that two ton lifted 4x4 super-cab that wont fit in my shop let alone the driveway.

Subsequently I purchased a commercial heavy duty ball mount and equally rated spring. This I mounted to the left rear quarter panel about 24" above ground level. This location was decided as a compromise between eutectics and magnetic density of the vehicle as determined with a portable magnetometer. the perfect location would have been in the middle of the rear gate directly onto the glass wind screen, not gonna happen.

Okay to the point. I measured the entire ICOM mount and radiator/whip and found that by installing a quick disconnect at the base of the whip and the top of the spring the electrical length was identical to the AH-2B with just a tad less resistance which couldn't hurt.

I mounted the AH-4 tuner 6" away from the mount on the interior side panel and fed that with 12" of RG8 and fed the AT-4 with 19' of RG8 from the 706mkII mounted under the drivers seat with the control head mounted center dash just above the A/C vents.

I have found that center band on 20mtr, 10mtr and 6mtr will operate within tolerances without the tuner but I prefer to not stress the finals unnecessarily.

When I find the need to increase the antennas efficiency I simply attach a long wire onto the top of the whip and shoot the other end over a tree or send it up a post.

I've had very good reports working HF while driving on the interstate at 65Mph as well as from on top of the local high points here in San Diego. I've found that even with the heavy duty spring the whip tends to lay too horizontal much above 65Mph so I keep that under control when working mobile.

I know that there is an eliminate out there that demands a perfectly designed and matched antenna for the operational band all the way up in the air on a 50+" tower with 500+ watts forcing a signal where it sometimes doesn't really want to go. But there is room for everyone in this hobby. That's why I invest so much effort and time into all-band mobile operations. It's challenging and vexing, not always rewarding but it's always fun. At least for me it is.

Best of luck with your installations and with skill and a bit of luck maybe we'll work each other sometime.

73,

Dave- W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@yahoogroups.com>
Sent: Friday, October 28, 2011 8:11 AM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

OK, I was just about right with my "guesstimates" on the overall length of the radiating part of that set-up with the stock antenna element plus the element holder and the base/spring.

I paid <$200.00 for the AH-2 tuner AND the AH-2b antenna system from another ham, but the latter was missing the antenna element and antenna element holder, which I replaced fairly cheaply.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave Santoro - W6BTS
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 4:10 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Larry,

One last thought. The dramatically over priced ($350.00) ICOM AH-2 Whip Antenna kit includes a whip element of just 96" with the base and spring being 13-3/8" making the factory unit 109-3/8" total. Try for the 108" whip from Radio Shack, I think you'll do fine with that.

73,

Dave - W6BTS

---

----- Original Message -----
From: "Larry J. Ford" <lford@...>
To: <ic706@...m>
Cc: <ic706@yahoogroups.com>
Sent: Thursday, October 27, 2011 11:05 AM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

I figured-out your "little" joke! A Google search for 118" stainless steel whip antenna will bring up a listing for .188" (diameter) stainless steel whip antenna, which is what that website lists.

There's a wisea$$ in every crowd.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Scott Brown - KD4YDD
To: ic706@yahoogroups.com
Cc: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:29 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

http://bridgemancommunications.com/antennas.aspx

They sell a 118" ss whip antenna. :)

-Scott
KD4YDD

Sent from my iPhone

On Oct 27, 2011, at 1:20 PM, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:

> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you won’t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>

>
>
> From: Larry J. Ford [mailto:lford@...]
> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >

> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19155. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 17:34:28 UTC
From: Deacon Dave
Topic: 19132  Message: 19155

Larry, I am sure that you are aware that ANY center loaded mobile antenna on 75/40 meters will outperform a simple whip.

The reason is simple: The RF radiation is produced by the current in the antenna. A center loaded antenna has MUCH more current flowing in the bottom 3 or 4 feet, the section below the coil, than the same length of a simple whip. See the ARRL antenna Book for further details.

DD, W1MCE

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 11:17 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

And you paid $???? for your Hi-Q model?

Are you saying you tried the ICOM AH-2b mobile antenna system with a "tuned whip" and couldn't make a contact?

Let's talk "apples to apples," here, not "apples to oranges."

I have considered selling-off all the mobile stuff I have to put that money toward a good screwdriver system, but that would likely require at least another $200 -$300, and I don't exactly have the best mounting place or vehicle for a big screwdriver. I'd be limited to something like the Tarheel II (don't know what the Hi-Q equivalent is), which might not do any better than the AH-2b system with a 108-inch whip and the AH-2 tuner.

Is Hi-Q the brand of screwdriver recommended by Alan Applegate, K0BG?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:05 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

I've tried a tuned whip down there and it's pretty much a dummy load. Couldn't make a single contact. I think all the effort of coming up with a slightly linger whip won't pay off. Even 40m was a little dicey. My Hi-Q on the other hand performs quite well on 40/75m...

Joe, N3JI

"Larry J. Ford" <lford@...> wrote:

>Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19156. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 17:42:17 UTC
From: jb
Topic: 19132  Message: 19156

Just remember that military uses their bent over whips as NVIS antennas and not for dx.

FWIW, I vouch for the screwdriver, even as a manual tune setup. They now have a setup that automatically tunes teh screwdriver, kind of like the auto tuner but without the drawbacks. Best of both worlds! Sorry, don't remember where I saw that but maybe food for thought.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, "Lefczik, Larry D" <Larry.D.Lefczik@...> wrote:
>
> When you go to the ham fest, look for a real 80M mobile antenna (if there is one) such as a Texas Bug Catcher or Screwdriver. The efficiency should be better than the 118" whip.
>
> The best thing may be to find a Army surplus whip and bend it over the car.
>
> I am sure you have read the many post about 75M Mobile Shoot-outs and such. 75 M mobile is a challenge.
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Bob Reiff
> Sent: Thursday, October 27, 2011 1:10 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?
>
> As a temporary test solder a stiff piece of wire to an alligator clip and clip it to the top of whatever whip you currently have and try loading up while stationary. Experiment to see how short you can get away with. Maybe you wonâ☐☐t need as much whip as you think. A capacity hat on top of a 102 inch whip will produce a horizontal whip at 40-60 MPH!
>
>
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
>
> From: Larry J. Ford [mailto:lford@...]

> Sent: October 27, 2011 12:50
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
>
>
> Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Cc: <IcomTuner@yahoogroups.com <mailto:IcomTuner%40yahoogroups.com> > ; <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@... <mailto:lford%40usa.net> > wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>

> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> Yahoo! Groups Links
>

# 19157. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 18:00:46 UTC
From: jb
Topic: 19132  Message: 19157

Something else to think about. I don't know how this may effect auto tuners but my dad (ka7swi) has the same screwdriver as I but with a steel whip, mine is fiberglass. His flexes much more than mine at cruising speed...to the point that he will have to retune on 40 meters if he initally tuned while stopped. I may have to touch up the tune on 80 meters but that is to be expected, as narrow as that band is.

My point is that, while cruising the flex difference may be enough that a CB fiberglass whip may perform better than a 118 inch steel whip.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> http://bridgemancommunications.com/antennas.aspx
>
> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>

# 19158. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 18:04:27 UTC
From: Larry J. Ford
Topic: 19132  Message: 19158

Define "ANY center load mobile antenna" and define a "simple whip."

Also, do you consider the ICOM AH-2b antenna system, matched with the AH-2 autotuner, as a "simple whip?"

Just making sure we're clear on definitions, and not compares "apples to oranges" here (OK, both grow on tress, are somewhat round, but ... ;-).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 1:34 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry, I am sure that you are aware that ANY center loaded mobile antenna on 75/40 meters will outperform a simple whip.

The reason is simple: The RF radiation is produced by the current in the antenna. A center loaded antenna has MUCH more current flowing in the bottom 3 or 4 feet, the section below the coil, than the same length of a simple whip. See the ARRL antenna Book for further details.

DD, W1MCE

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 11:17 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

And you paid $???? for your Hi-Q model?

Are you saying you tried the ICOM AH-2b mobile antenna system with a "tuned whip" and couldn't make a contact?

Let's talk "apples to apples," here, not "apples to oranges."

I have considered selling-off all the mobile stuff I have to put that money toward a good screwdriver system, but that would likely require at least another $200 -$300, and I don't exactly have the best mounting place or vehicle for a big screwdriver. I'd be limited to something like the Tarheel II (don't know what the Hi-Q equivalent is), which might not do any better than the AH-2b system with a 108-inch whip and the AH-2 tuner.

Is Hi-Q the brand of screwdriver recommended by Alan Applegate, K0BG?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe
To: ic706@yahoogroups.com
Sent: Thursday, October 27, 2011 1:05 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

I've tried a tuned whip down there and it's pretty much a dummy load. Couldn't make a single contact. I think all the effort of coming up with a slightly linger whip won't pay off. Even 40m was a little dicey. My Hi-Q on the other hand performs quite well on 40/75m...

Joe, N3JI

"Larry J. Ford" <lford@...> wrote:

>Got one of those, but need another 16 inches to meet the tuner spec for 80 meters unless something like a "capacitance hat" would work and could be jerry-rigged onto the 102-inch whip.
>
>Larry J. Ford
>KG4GPJ
> ----- Original Message -----
> From: Scott Brown - KD4YDD
> To: ic706@yahoogroups.com
> Cc: <IcomTuner@yahoogroups.com> ; <ic706@yahoogroups.com>
> Sent: Thursday, October 27, 2011 12:28 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
> What about 102" whip that radio shack sells?
>
> Sent from my iPhone
>
> On Oct 27, 2011, at 12:22 PM, "Larry J. Ford" <lford@...> wrote:
>
> > Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
> >
> > I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
> >
> > This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
> >
> > I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
> >
> > Thanks and 73,

> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19159. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 19:43:53 UTC
From: Larry J. Ford
Topic: 19132  Message: 19159

How do you get that fiberglass whip to radiate? ;-)

Larry J. Ford
KG4GPJ
----- Original Message -----
From: jb
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 2:00 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Something else to think about. I don't know how this may effect auto tuners but my dad (ka7swi) has the same screwdriver as I but with a steel whip, mine is fiberglass. His flexes much more than mine at cruising speed...to the point that he will have to retune on 40 meters if he initally tuned while stopped. I may have to touch up the tune on 80 meters but that is to be expected, as narrow as that band is.

My point is that, while cruising the flex difference may be enough that a CB fiberglass whip may perform better than a 118 inch steel whip.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> http://bridgemancommunications.com/antennas.aspx
>
> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>

[Non-text portions of this message have been removed]

# 19160. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 19:56:18 UTC
From: Deacon Dave
Topic: 19132  Message: 19160

If I recall correctly Kraus, et al, define antennas less than 1/8 wavelength as shortened antennas and present university level analyses of their performance.

Definitions for typical ham radio HF mobile operations.

1) Center Loaded ... an electrically short vertical antenna less than 1/8 wavelength long composed of three sections: the lower section is from the mount to the base of the loading coil and exhibits a length of typically 2.5 to 4 feet; this feeds the base of a loading coil; and finally, the top section which mounts from the loading coil to the tip which may lengthen the overall length to eight or slightly more feet [must pass under an interstate overpass at 13.5 feet.]

2) A simple whip ... an electrically short vertical less than 1/8 wavelength long antenna with a length less than 13.5 feet [must pass under an interstate overpass at 13.5 feet.]

3) Base Loaded ... which was/is not included in the discussion. It is an electrically short vertical antenna less than 1/8 wavelength long composed of two sections. The base contains the loading coil which may be either High-Q or Low-Q design. [Short and fat; or, long and narrow respectively] The top of the coil supports a top section which lengthens the overall length. [must pass under an interstate overpass at 13.5 feet.]

I have never used the AH-2 and associated antenna AH-2B in 50+ years of HF mobile. But I suggest the antenna is more base loaded than center loaded.

I have used simple whips and the Hi-Gain base loaded system of the 1960s in the past [1955 - 1990]. In my current mobile I use the Hustler center loaded antennas, at times with the 'porcupine adapter' [provides 4 bands] with the AH-4.

My original comment was intended to notify that the poorest 75 meter antenna is the simple SS whip. A base loaded antenna has better performance; and, a center loaded has still more performance. The radiated efficiency on 75 is typically -18 dBd for a simple whip [1 watt ERP for a 100 watt radio] and -12 dBd for center loaded. [10 watts ERP for a 100 watt radio.] [This will vary as a function of the integrity of the vehicle/antenna grounding system.]

DD, W1MCE

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 2:04 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Define "ANY center load mobile antenna" and define a "simple whip."
Also, do you consider the ICOM AH-2b antenna system, matched with the AH-2 autotuner, as a "simple whip?"

[Non-text portions of this message have been removed]

# 19161. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 19:57:45 UTC
From: Deacon Dave
Topic: 19132  Message: 19161

They have WIRES !! [within or around the fiberglass]

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 3:43 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

How do you get that fiberglass whip to radiate? ;-)

Larry J. Ford
KG4GPJ
----- Original Message -----
From: jb
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 2:00 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Something else to think about. I don't know how this may effect auto tuners but my dad (ka7swi) has the same screwdriver as I but with a steel whip, mine is fiberglass. His flexes much more than mine at cruising speed...to the point that he will have to retune on 40 meters if he initally tuned while stopped. I may have to touch up the tune on 80 meters but that is to be expected, as narrow as that band is.

My point is that, while cruising the flex difference may be enough that a CB fiberglass whip may perform better than a 118 inch steel whip.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> http://bridgemancommunications.com/antennas.aspx
>
> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19162. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 20:42:14 UTC
From: Randy Allen
Topic: 19132  Message: 19162

Larry,

I've been running a Little Tarheel II with my IC-706MKIIG for a couple of years (Using a Turbo Tuner). I've been very happy with it.

For instance just a couple of weeks ago had a nice QSO with a Mexico City station on 20 Meters while driving down the interstate near Middletown Ohio in the middle of the day. Maybe I'm easily impressed, but I thought that was cool! So did the brand new ham that was riding with me. (Pics of the installation on my QRZ listing

Not sure how that compares to the AH-2 and whip, and haven't done a lot on 75/80 (although I have made a few contacts there) but I sure wouldn't feel very "limited" with a Tarheel II.

My input for what it's worth

73

Randy KAØAZS

On 10/28/2011 11:17, Larry J. Ford wrote:
> I have considered selling-off all the mobile stuff I have to put that
> money toward a good screwdriver system, but that would likely require at
> least another $200 -$300, and I don't exactly have the best mounting
> place or vehicle for a big screwdriver. I'd be limited to something like
> the Tarheel II

# 19163. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 20:39:57 UTC
From: Larry J. Ford
Topic: 19132  Message: 19163

Well of course they do; did you not see the "Smiley Face" in my posting?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 3:57 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

They have WIRES !! [within or around the fiberglass]

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 3:43 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

How do you get that fiberglass whip to radiate? ;-)

Larry J. Ford
KG4GPJ
----- Original Message -----
From: jb
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 2:00 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Something else to think about. I don't know how this may effect auto tuners but my dad (ka7swi) has the same screwdriver as I but with a steel whip, mine is fiberglass. His flexes much more than mine at cruising speed...to the point that he will have to retune on 40 meters if he initally tuned while stopped. I may have to touch up the tune on 80 meters but that is to be expected, as narrow as that band is.

My point is that, while cruising the flex difference may be enough that a CB fiberglass whip may perform better than a 118 inch steel whip.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> http://bridgemancommunications.com/antennas.aspx
>

> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19164. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 21:51:00 UTC
From: Larry J. Ford
Topic: 19132  Message: 19164

It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.

Now, if drove a big Dodge RAM truck, that would be another matter!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Randy Allen
To: ic706@yahoogroups.com
Cc: Larry J. Ford
Sent: Friday, October 28, 2011 4:42 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry,

I've been running a Little Tarheel II with my IC-706MKIIG for a couple of years (Using a Turbo Tuner). I've been very happy with it.

For instance just a couple of weeks ago had a nice QSO with a Mexico City station on 20 Meters while driving down the interstate near Middletown Ohio in the middle of the day. Maybe I'm easily impressed, but I thought that was cool! So did the brand new ham that was riding with me. (Pics of the installation on my QRZ listing

Not sure how that compares to the AH-2 and whip, and haven't done a lot on 75/80 (although I have made a few contacts there) but I sure wouldn't feel very "limited" with a Tarheel II.

My input for what it's worth

73

Randy KAØAZS

On 10/28/2011 11:17, Larry J. Ford wrote:
> I have considered selling-off all the mobile stuff I have to put that
> money toward a good screwdriver system, but that would likely require at
> least another $200 -$300, and I don't exactly have the best mounting
> place or vehicle for a big screwdriver. I'd be limited to something like
> the Tarheel II

[Non-text portions of this message have been removed]

# 19165. RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:07:31 UTC
From: Bob Reiff
Topic: 19132  Message: 19165

Better recheck your QRZ listing. There is none for KAØAZS.

Bob, WA8ULW

From: Randy Allen [mailto:ka0azs@...]
Sent: October 28, 2011 16:42
To: ic706@yahoogroups.com
Cc: Larry J. Ford
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry,

I've been running a Little Tarheel II with my IC-706MKIIG for a couple of years (Using a Turbo Tuner). I've been very happy with it.

For instance just a couple of weeks ago had a nice QSO with a Mexico City station on 20 Meters while driving down the interstate near Middletown Ohio in the middle of the day. Maybe I'm easily impressed, but I thought that was cool! So did the brand new ham that was riding with me. (Pics of the installation on my QRZ listing

Not sure how that compares to the AH-2 and whip, and haven't done a lot on 75/80 (although I have made a few contacts there) but I sure wouldn't feel very "limited" with a Tarheel II.

My input for what it's worth

73

Randy KAØAZS

On 10/28/2011 11:17, Larry J. Ford wrote:
> I have considered selling-off all the mobile stuff I have to put that
> money toward a good screwdriver system, but that would likely require at
> least another $200 -$300, and I don't exactly have the best mounting
> place or vehicle for a big screwdriver. I'd be limited to something like
> the Tarheel II

[Non-text portions of this message have been removed]

# 19166. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:27:40 UTC
From: Jeff Moore
Topic: 19132  Message: 19166

Try using a normal 0 instead of the one with a slash through it. QRZ apparently doesn't recognize that particular character.

Jeff Moore -- KE7ACY

----- Original Message ----- From: Bob Reiff

Better recheck your QRZ listing. There is none for KAØAZS.

Bob, WA8ULW

[Non-text portions of this message have been removed]

# 19167. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:28:36 UTC
From: Mike Rodgers
Topic: 19132  Message: 19167

Larry, folks have gotten pretty inventive with mounts.
There are many pictures on the websites. For me it's the cost and I don't do much mobile anymore except now that 10 is open. So there's probally a way.
I've run mostly the hustler triple tree and
Dabbled some with a two foot cb Wilson fiberglass with longer whip stingers. A analyzer is most helpfully for the latter. 40&75 is out of the question however with the latter.

I've seen many on compact cars with the small coil so it's not just for us dodge ram types. In fact I ran the hustler triple tree on top of the cab with 24" mast on a 4 mag mount.

73
Mike R
Sent from my spy ring

On Oct 28, 2011, at 4:51 PM, "Larry J. Ford" <lford@...> wrote:

> It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.
>
> Now, if drove a big Dodge RAM truck, that would be another matter!
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Randy Allen
> To: ic706@...m
> Cc: Larry J. Ford
> Sent: Friday, October 28, 2011 4:42 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> Larry,
>
> I've been running a Little Tarheel II with my IC-706MKIIG for a couple
> of years (Using a Turbo Tuner). I've been very happy with it.
>
> For instance just a couple of weeks ago had a nice QSO with a Mexico
> City station on 20 Meters while driving down the interstate near
> Middletown Ohio in the middle of the day. Maybe I'm easily impressed,
> but I thought that was cool! So did the brand new ham that was riding
> with me. (Pics of the installation on my QRZ listing
>
> Not sure how that compares to the AH-2 and whip, and haven't done a lot
> on 75/80 (although I have made a few contacts there) but I sure wouldn't
> feel very "limited" with a Tarheel II.
>

> My input for what it's worth
>
> 73
>
> Randy KAØAZS
>
> On 10/28/2011 11:17, Larry J. Ford wrote:
> > I have considered selling-off all the mobile stuff I have to put that
> > money toward a good screwdriver system, but that would likely require at
> > least another $200 -$300, and I don't exactly have the best mounting
> > place or vehicle for a big screwdriver. I'd be limited to something like
> > the Tarheel II
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19168. RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:40:23 UTC
From: Bob Reiff
Topic: 19132  Message: 19168

That was it sure ‘nuff!

TNX es 73,

Bob, WA8ULW

From: Jeff Moore [mailto:tnetcenter@...]
Sent: October 28, 2011 18:28
To: ic706@yahoogroups.com
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Try using a normal 0 instead of the one with a slash through it. QRZ apparently doesn't recognize that particular character.

Jeff Moore -- KE7ACY

----- Original Message ----- From: Bob Reiff

Better recheck your QRZ listing. There is none for KAØAZS.

Bob, WA8ULW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19169. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:45:37 UTC
From: Mike Rodgers
Topic: 19132  Message: 19169

All this protection is choking me to death!

73
Mike R

Sent from my spy ring

On Oct 28, 2011, at 5:07 PM, "Bob Reiff" <wa8ulw@...> wrote:

> Better recheck your QRZ listing. There is none for KAØAZS.
>
> Bob, WA8ULW
>
> From: Randy Allen [mailto:ka0azs@...]
> Sent: October 28, 2011 16:42
> To: ic706@yahoogroups.com
> Cc: Larry J. Ford
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> Larry,
>
> I've been running a Little Tarheel II with my IC-706MKIIG for a couple
> of years (Using a Turbo Tuner). I've been very happy with it.
>
> For instance just a couple of weeks ago had a nice QSO with a Mexico
> City station on 20 Meters while driving down the interstate near
> Middletown Ohio in the middle of the day. Maybe I'm easily impressed,
> but I thought that was cool! So did the brand new ham that was riding
> with me. (Pics of the installation on my QRZ listing
>
> Not sure how that compares to the AH-2 and whip, and haven't done a lot
> on 75/80 (although I have made a few contacts there) but I sure wouldn't
> feel very "limited" with a Tarheel II.
>
> My input for what it's worth
>
> 73
>
> Randy KAØAZS
>
> On 10/28/2011 11:17, Larry J. Ford wrote:
> > I have considered selling-off all the mobile stuff I have to put that
> > money toward a good screwdriver system, but that would likely require at
> > least another $200 -$300, and I don't exactly have the best mounting
> > place or vehicle for a big screwdriver. I'd be limited to something like
> > the Tarheel II

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19170. HM-133V Microphone

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-28 22:46:17 UTC
From: Matthew Bonser
Topic: 19132  Message: 19170

Hi All

I recently purchased a HM-133V microphone from Ebay, now given the price I paid for it I am assuming it is not a genuine one, but rather a cheap chinese copy.

The actual ebay link is here*http://tinyurl.com/4xfok6q*

I'm wondering if anyone else has had any success with this type of microphone on the IC706MKIIG ?

The microphone appears to power up ok when connected to the radio, all the lights come on and red PTT light on the microphone illuminates when you push the button, but it doesn't actually transmit on the radio.

I understand that the DTMF function work on the IC706 but I thought it might still transmit.

If I have wasted my money it's not a big deal, it was cheap enough that I'm not that concerned, but I thought I would check to see if anyone else has used on of these on a 706.

Thanks

Matt Bonser
VK5FMLB

[Non-text portions of this message have been removed]

# 19171. ICOM 706 mk1 Problem with FM.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-29 01:52:19 UTC
From: Steve
Topic: 19171  Message: 19171

I have been on the forum for awhile. just hanging out to learn.
I have owned my 706 about 1 1/2 years and it has worked great untill last weekend.

After making about 20 dx contacts, one was a fm simplex contact on 10 meters. the first time i used fm on 10 meters. I then went to 2 meters to a local repeater. the vfo froze and i had to do a hard reset on the rig.

This is the first time that happened. i then went into the set up menu and reset everything. the next evening i checked into a 6 meter net on fm the guys said i sounded like i was over deviating or off frequency. I found a post about the fm vco and went to check the voltage at CP4 and the rig will not key up on fm on any band including 2 meters. The watt meter jumps momentarialy to 50 watts and drops back to 0. All other modes are fine. Thanks for any help 73 Steve

# 19172. Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-29 15:03:16 UTC
From: Butch
Topic: 19132  Message: 19172

I hear that in the outback of Austrailia, most folks use a 7 mhz or 10 mhz antenna fed by an autotuner for all band operation with great results. So why not us a 30 or 40 meter Hamstick with your Icom tuuner ? The extra loading from the helical winding would allow more efficiency on the low bands than a 118" whip and would probably be much cheaper in the long run. Don't use an 80 or 75 meter Hamstick though if you want to run the higher HF bands because the helical winding being so much on the 80 meter coil will act as a choke and only the lower protion of the antenna will radiate on the higher bands.

73
Rick

# 19173. HF Instability

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 02:43:45 UTC
From: wa0acf
Topic: 19173  Message: 19173

I came to this group to see if anyone had experienced any of the symptoms that I noticed in my Icom 706 MkIIG (s/n 1501748, purchased new in 2003). I found some older messages in this group about "RF Instabilities" and I read the Icom Service Bulletin #928 about the ground clip. I think there is a wider problem. Here are the symptoms I observed and the actions I took to fix the problem (so far!)

Symptoms:
Field Day 2009 I noticed that I could receive pretty well but no one was answering my calls. I changed bands and I got answers so I figured it was just band conditions, or a poor antenna installation. Field Day 2010 I took along an MFJ antenna analyzer and a Bird 43 wattmeter. The antennas measured fine with the MFJ analyzer. The radio tuned up OK on most bands. After a few hours of operating I noticed that between CW characters the wattmeter would hang up around 20 watts instead of dropping to zero between characters like it usually does. At that point I suspected an intermittent connection(s) in the radio. Not having any other test equipment I resorted to a solid "whack" on the radio (!). That surely seemed to fix the problem for many hours. At that point I didn't know if it was intermittent relay contacts, a loose connector, or whatever.

With 10 meters becoming much more active lately I set up my first mobile installation with a 102" whip and an AH-4 tuner for the ICOM 706. Several bands between 40 and 10 meters would not load up consistently. Again, the RF power output between CW characters would hang up around some lower value before dropping to zero. It was time to find the "root cause".

Fix:
I took the radio apart, top and bottom covers. I noticed that the ground clip on the Band-Pass Filter board was loose to the point of rotating when I touched it. Many of the board screws were so loose I could turn them with a screwdriver between my thumb and forefinger. The same was true of the Power Amplifier board, which is truly scary. I tightened all of the screws on the Power Amplifier board, and MOST IMPORTANTLY, the power transistor mounting flanges!! When I reassembled the radio and installed it in my mobile installation the radio loaded properly on all bands.

Reasons:
The MOSFET power transistor mounting flanges are the source of the FETs. The tabs are the gate and drain. It is extremely important that the source (the mounting tabs) have a very good ELECTRICAL contact to the chassis AND a very good THERMAL contact to the chassis. A degraded electrical contact will increase the impedance between the source and

ground, apparently causing amplifier instability just as in a high gain bipolar device. On top of that, a degraded mechanical connection to the heat sink will increase the thermal impedance between the MOSFET die and the heatsink and ambient air. (Google 'thermal resistance wikipedia' to see the analogy to Ohms law) The RD70HVF1 power MOSFET data sheet shows that the 'Theta JC' for this part is one degree C per watt. That means if there are 50 watts of heat at the die of the MOSFET, the 'thermal drop' across Theta JC will cause the junction temperature to be 50 degrees C hotter than the heat sink. So, above all else, make sure the flange screws are tight and the board screws are tight to the standoff bosses.

NOT TOO TIGHT! You don't want to break a screw off in the casting. Typical torque for a #4 or #6 screw is about 5 to 9 inch pounds. Don't over-do it.

This fix has eliminated the intermittent RF behavior in my radio and I believe the reasons are technically correct.

Jerry DeHaven
WA0ACF
29 Oct. 2011

# 19174. Re: [ic706] Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 11:42:31 UTC
From: ka9p@aol.com
Topic: 19132  Message: 19174

I agree with Rick and would add that if you can find one the SGC 9 foot helically loaded whip is a great way to go.

I have used that whip on off road jeeps probably about 10 years or so now with the AH4 and never had an issue with either, and have found the 80/6/40 meter performance to be much better than Hamsticks or my steel whip, and it's insulated which is a big plus offroad.

In the beginning I did some comparisons on 40 between the Hamstick and the Sgc as an allband set up and with an extension added to the base of the hamstick of about 30 inches it worked almost as well as SGC but matching on 60 and 80 was harder. Without the extension the SGC was routinely preferred over the stick on 40, but never saw much difference on 20 and up.

73 Scott

Sent from my iPhone

On Oct 29, 2011, at 11:03 AM, "Butch" <rmckee1957@...> wrote:

> I hear that in the outback of Austrailia, most folks use a 7 mhz or
> 10 mhz antenna fed by an autotuner for all band operation with great
> results. So why not us a 30 or 40 meter Hamstick with your Icom
> tuuner ? The extra loading from the helical winding would allow more
> efficiency on the low bands than a 118" whip and would probably be
> much cheaper in the long run. Don't use an 80 or 75 meter Hamstick
> though if you want to run the higher HF bands because the helical
> winding being so much on the 80 meter coil will act as a choke and
> only the lower protion of the antenna will radiate on the higher
> bands.
>
> 73
> Rick
>
>

[Non-text portions of this message have been removed]

# 19175. Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 18:59:58 UTC
From: John Geiger
Topic: 19175  Message: 19175

I have an Icom 706 original and am wondering exactly what is needed for the microphone on this rig. In terms of the mic jack, does voltage need to be applied along with the audio in? I am wondering if I can run a cable from my computer sound card out jack to the audio in and ground connections on the mic jack and get it to work with VOX, or is some sort of voltage or other signal also required to get the audio to work correctly? I am still not completely clear about the Icom mics and the preamp being in the mic and things like that. I should be, though.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19176. Re: Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 21:27:48 UTC
From: zl1tbg
Topic: 19175  Message: 19176

John, you can pad the audio level with resistors or following good practice isolate the DC with a 0.1 uF capacitor, more to not upset your soundcard than the radio. You can use the front or rear mic connector and have the VOX operate, if you use the ACC connector for audio in then VOX will not operate. I use the ACC connector for audio out to soundcard as its a set level unaffected by the vol. control.

Ralph

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> I have an Icom 706 original and am wondering exactly what is needed for the microphone on this rig. In terms of the mic jack, does voltage need to be applied along with the audio in? I am wondering if I can run a cable from my computer sound card out jack to the audio in and ground connections on the mic jack and get it to work with VOX, or is some sort of voltage or other signal also required to get the audio to work correctly? I am still not completely clear about the Icom mics and the preamp being in the mic and things like that. I should be, though.
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>

# 19177. Re: [ic706] Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 23:25:31 UTC
From: Ralph Mowery
Topic: 19175  Message: 19177

YOu do not use the voltage on the  mic jack.  Just  feed the audio into the mic input and use a capacitor to block any DC that might get into the signal line.  There is often too much audio comming out of the Icom, so a resistor or two may be needed.

You can usually use the VOX to do the keying in most modes.
Just make sure the mode you are using has some audio on it before the actual data starts.

The voltage comming out of the Icom mic is just to power the preamp built into the mic or a touch tone mic.  I hooked up a Sure mic to mine and used the 8 volts to power up that mic as it usually operates off a 9 volt battery.  Works fine.

If you go to several sites, there are some that show a schematic of the interfaces.  Look them over before you start on one.

Unless you have the parts on hand, there are some places that sell the interfaces already built almost as cheep as one can be built.

--- On Sun, 10/30/11, John Geiger <aa5jg@...> wrote:

From: John Geiger <aa5jg@...>
Subject: [ic706] Mic jack on Icom 706
To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector" <icom@...>
Date: Sunday, October 30, 2011, 2:59 PM

I have an Icom 706 original and am wondering exactly what is needed for the microphone on this rig.  In terms of the mic jack, does voltage need to be applied along with the audio in?  I am wondering if I can run a cable from my computer sound card out jack to the audio in and ground connections on the mic jack and get it to work with VOX, or is some sort of voltage or other signal also required to get the audio to work correctly?  I am still not completely clear about the Icom mics and the preamp being in the mic and things like that. I should be, though.

73s John AA5JG

[Non-text portions of this message have been removed]

# 19178. Re: [ic706] Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 00:03:21 UTC
From: John Geiger
Topic: 19175  Message: 19178

Thanks to everyone for the feedback so far. After casual playing around in the CQWW contest this weekend I see that I need some sort of voice keyer, and getting on RTTY again would be nice also. I am looking for a cheap way to interface the 706 with the computer-cheaper the better. I was hoping to just run a line from the computer jack to the mic jack. Sounds like it is doable but will need a little more work.

73s John AA5JG
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Sunday, October 30, 2011 11:25 PM
Subject: Re: [ic706] Mic jack on Icom 706

YOu do not use the voltage on the mic jack. Just feed the audio into the mic input and use a capacitor to block any DC that might get into the signal line. There is often too much audio comming out of the Icom, so a resistor or two may be needed.

You can usually use the VOX to do the keying in most modes.
Just make sure the mode you are using has some audio on it before the actual data starts.

The voltage comming out of the Icom mic is just to power the preamp built into the mic or a touch tone mic. I hooked up a Sure mic to mine and used the 8 volts to power up that mic as it usually operates off a 9 volt battery. Works fine.

If you go to several sites, there are some that show a schematic of the interfaces. Look them over before you start on one.

Unless you have the parts on hand, there are some places that sell the interfaces already built almost as cheep as one can be built.

--- On Sun, 10/30/11, John Geiger <aa5jg@...> wrote:

From: John Geiger <aa5jg@...>
Subject: [ic706] Mic jack on Icom 706
To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector" <icom@...>
Date: Sunday, October 30, 2011, 2:59 PM

I have an Icom 706 original and am wondering exactly what is needed for the microphone on this rig. In terms of the mic jack, does voltage need to be applied along with the audio in? I am wondering if I can run a cable from my computer sound card out jack to the audio in and ground connections on the mic jack and get it to work with VOX, or is some sort of voltage or other signal also required to get the audio to work correctly? I am still not completely clear about the Icom mics and the preamp being in the mic and things like that. I should be, though.

73s John AA5JG

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19179. current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 01:32:07 UTC
From: David Westbrook
Topic: 19179  Message: 19179

Hopefully this isn't as silly a question as it sounds in the subject line :)

With IC706MKII radio off -- when turning on/off the power supply (or connecting/disconnecting battery), I can hear a relay click ... So what, if any, is the current drain while power source is connected, but radio is off?

The "Ch.13 Specifications" page of the manual doesn't mention anything. And i'm not very familiar with how relays work, but I assume something holds it in the non-resting state (hence the click with power connection; and again w/power disconnect)?

Source of the question is that I'm just starting out on battery/portable/mobile operation, and wonder if it's bad to leave the battery connected (e.g. overnight or a couple days) when radio's not in use. It's just a UB1280 (8Ah), so nothing big.

thanks,
--david
KJ4IZW
South Carolina

[Non-text portions of this message have been removed]

# 19180. Re: [ic706] current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 01:58:53 UTC
From: Wayne Bowyer
Topic: 19179  Message: 19180

My 706G is on an Astron 35amp metered supply. Don't know how accurate the front panel meters are and they only are in 2 amp increments but my rig shows a hair under 1 amp when the rig is powered off. Approx 2 amps on and squelched.
Probably not a good idea to keep it hooked up to a battery all the time.

73,
Wayne
n4eyz

On Sun, Oct 30, 2011 at 9:32 PM, David Westbrook <dwestbrook@...>wrote:

> **
>
>
> Hopefully this isn't as silly a question as it sounds in the subject line
> :)
>
> With IC706MKII radio off -- when turning on/off the power supply (or
> connecting/disconnecting battery), I can hear a relay click ... So what,
> if any, is the current drain while power source is connected, but radio is
> off?
>
> The "Ch.13 Specifications" page of the manual doesn't mention anything. And
> i'm not very familiar with how relays work, but I assume something holds it
> in the non-resting state (hence the click with power connection; and again
> w/power disconnect)?
>
> Source of the question is that I'm just starting out on
> battery/portable/mobile operation, and wonder if it's bad to leave the
> battery connected (e.g. overnight or a couple days) when radio's not in
> use. It's just a UB1280 (8Ah), so nothing big.
>
> thanks,
> --david
> KJ4IZW
> South Carolina
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19181. Re: [ic706] current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 02:00:05 UTC
From: Jack
Topic: 19179  Message: 19181

David, it is normal!
The radio does draw a small amount when off like a TV or radio does it is in a standby state there is still power to part of the radio and when you push the power button it turns the rest on.
I have mine in my Suburban and it can sit for days with out bringing the battery down.

N6UYB
Knightdale, NC

-----Original Message-----
From: David Westbrook
Sent: Sunday, October 30, 2011 9:32 PM
To: ic706@yahoogroups.com
Subject: [ic706] current drain while off?

Hopefully this isn't as silly a question as it sounds in the subject line :)

With IC706MKII radio off -- when turning on/off the power supply (or connecting/disconnecting battery), I can hear a relay click ... So what, if any, is the current drain while power source is connected, but radio is off?

The "Ch.13 Specifications" page of the manual doesn't mention anything. And i'm not very familiar with how relays work, but I assume something holds it in the non-resting state (hence the click with power connection; and again w/power disconnect)?

Source of the question is that I'm just starting out on battery/portable/mobile operation, and wonder if it's bad to leave the battery connected (e.g. overnight or a couple days) when radio's not in use. It's just a UB1280 (8Ah), so nothing big.

thanks,
--david
KJ4IZW
South Carolina

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19182. IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-30 22:36:05 UTC
From: k7ovm
Topic: 19182  Message: 19182

Recently purchased a IC-706 off the Internet and finally today decided to hook it up to a Astron DC P/S to see if it worked..initially, after hooking it up to the P/S and pushing the power button..I would hear a "clicking" noise and nothing in the screen at all. I use this particular P/S on my other radio and it works FB. Tried another P/S I had and same indication. Pulled the cover & checked the fuse, it appears to be fine. Now, when I hooked it back up to the P/S...it doesn't even emit a clicking noise. Guess I may have learned an expensive lesson about buying things "used" off the Internet. Any help or guidance would sure be appreciated. Tnx Charlie

# 19183. Re: [ic706] IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 04:37:13 UTC
From: Jack
Topic: 19182  Message: 19183

check the fuses in the power cord take then from the holders and clean the contact areas, when you hook it up you should hear the relay pull in to standby, also clean the contacts between the head and body this is where a lot of problems at solved. there are a few other spots that can be checked but lets start here with the common ones.

Jack N6UYB

-----Original Message-----
From: k7ovm
Sent: Sunday, October 30, 2011 6:36 PM
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 will not power on

Recently purchased a IC-706 off the Internet and finally today decided to hook it up to a Astron DC P/S to see if it worked..initially, after hooking it up to the P/S and pushing the power button..I would hear a "clicking" noise and nothing in the screen at all. I use this particular P/S on my other radio and it works FB. Tried another P/S I had and same indication. Pulled the cover & checked the fuse, it appears to be fine. Now, when I hooked it back up to the P/S...it doesn't even emit a clicking noise. Guess I may have learned an expensive lesson about buying things "used" off the Internet. Any help or guidance would sure be appreciated. Tnx Charlie

------------------------------------

Yahoo! Groups Links

# 19184. Re: [ic706] Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 05:07:28 UTC
From: Dave Wright
Topic: 19175  Message: 19184

Hi John,
It's simple to do, using the VOX for digital modes, in fact I did it for free(well, relatively speaking)

Get a length of CAT5 cable with the connectors on it. 3 1/8th mono audio connectors, 2- 600:600 ohm audio transformers

Cut one end off of the cable. This will be the PC end.

The other end is the mic connector. A pair of the wires will be used for the speaker out from the radio, so keep that in mind. After figuring out the layout of the mic connector to the CAT5 cable layout, snip the pair you dont have assigned. Solder on one of the audio connectors. That pair will go to the mic in on the PC.

The other pair will go to ground/VOX on the radio thru the jack, so solder the audio connectors on the pair you have designated for the VOX/ground. That will go to your speaker out on the computer.

Somewhere in line, you will need to put in the transformers. This helps even out the audio and makes adjusting the levels easier. If you get confused or need help, please let me know.

--
David Wright
Public Information Officer
Kendall County ARES

[Non-text portions of this message have been removed]

# 19185. Re: [ic706] IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 05:07:07 UTC
From: Facility 406 DM09
Topic: 19182  Message: 19185

also clean the contacts between the head and body this is where a
lot of problems at solved. there are a few other spots that can be checked
but lets start here with the common ones.

Since you connected, then disconnected, then connected again and the problem
got worse, I'd suggest checking the notoriously bad "Molex" connector for
looseness and corrosion.

Kurt

# 19186. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 11:47:24 UTC
From: Deacon Dave
Topic: 19132  Message: 19186

Sounds like the time to buy a BIG RAM TRUCK :-)

You NEVER want to be EQUIPMENT LIMITED :-) That includes the station location!!!

Smiling DD

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 5:51 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.

Now, if drove a big Dodge RAM truck, that would be another matter!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Randy Allen
To: ic706@yahoogroups.com
Cc: Larry J. Ford
Sent: Friday, October 28, 2011 4:42 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry,

I've been running a Little Tarheel II with my IC-706MKIIG for a couple of years (Using a Turbo Tuner). I've been very happy with it.

For instance just a couple of weeks ago had a nice QSO with a Mexico City station on 20 Meters while driving down the interstate near Middletown Ohio in the middle of the day. Maybe I'm easily impressed, but I thought that was cool! So did the brand new ham that was riding with me. (Pics of the installation on my QRZ listing

Not sure how that compares to the AH-2 and whip, and haven't done a lot on 75/80 (although I have made a few contacts there) but I sure wouldn't feel very "limited" with a Tarheel II.

My input for what it's worth

73

Randy KAØAZS

On 10/28/2011 11:17, Larry J. Ford wrote:
> I have considered selling-off all the mobile stuff I have to put that
> money toward a good screwdriver system, but that would likely require at
> least another $200 -$300, and I don't exactly have the best mounting
> place or vehicle for a big screwdriver. I'd be limited to something like
> the Tarheel II

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19187. Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 11:51:05 UTC
From: Deacon Dave
Topic: 19132  Message: 19187

NO I DIN'T see the smiley face. Gess my 74 year old I's, the too of dem, mite B givin odt .

Smyly DD

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 4:39 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Well of course they do; did you not see the "Smiley Face" in my posting?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 3:57 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

They have WIRES !! [within or around the fiberglass]

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 3:43 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

How do you get that fiberglass whip to radiate? ;-)

Larry J. Ford
KG4GPJ
----- Original Message -----
From: jb
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 2:00 PM
Subject: Re: EXTERNAL: RE: [ic706] 118-inch SS whip antenna element - source?

Something else to think about. I don't know how this may effect auto tuners but my dad (ka7swi) has the same screwdriver as I but with a steel whip, mine is fiberglass. His flexes much more than mine at cruising speed...to the point that he will have to retune on 40 meters if he initally tuned while stopped. I may have to touch up the tune on 80 meters but that is to be expected, as narrow as that band is.

My point is that, while cruising the flex difference may be enough that a CB fiberglass whip may perform better than a 118 inch steel whip.

God bless
73
jb
kg6biw

--- In ic706@yahoogroups.com, Scott Brown - KD4YDD <kd4ydd@...> wrote:
>
> http://bridgemancommunications.com/antennas.aspx
>
> They sell a 118" ss whip antenna. :)
>
> -Scott
> KD4YDD
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19188. Re: HF Instability

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 13:44:56 UTC
From: voip10
Topic: 19173  Message: 19188

This issue is not uncommon with the IC-706 and has been mentioned elsewhere in the group, though it's always interesting to read of folk's experiences. I have a II-non-g, and had noticing something similar, in my case it was variable output power when tuning up on the upper HF bands, such as 18 and 21MHz, which would settle after a while. Connecting the rig up to an MFJ 993 autotuner, the symptoms included difficulty in autotuning. When I noticed the frequency counter on the ATU was displaying somewhere in the region of 23MHz, before settling down on the 21MHz frequency I had set the rig to, it was time to do stop using the rig and doing something about it.

Similarly to your case, tightening the screws holding down the PCBs and cleaning up the areas involved in forming the sprung contact to case connections removed the instability issues. The output devices were all still tightly screwed down in my case.

I guess the standby current draw of the IC-706 means it warms up quite a bit during use. Coupled with fact that the PCB mounting screws are coarse-threaded self-tappers, the repeated expansion-contraction would tend to encourage loosening of the screws over time to a greater extent than some of the other rigs I have used.

--- In ic706@yahoogroups.com, "wa0acf" <sjdehaven@...> wrote:
>
> I came to this group to see if anyone had experienced any of the
> symptoms that I noticed in my Icom 706 MkIIG (s/n 1501748, purchased new
> in 2003). I found some older messages in this group about "RF
> Instabilities" and I read the Icom Service Bulletin #928 about the
> ground clip. I think there is a wider problem. Here are the symptoms I
> observed and the actions I took to fix the problem (so far!)
>
> Symptoms:
> Field Day 2009 I noticed that I could receive pretty well but no one was
> answering my calls. I changed bands and I got answers so I figured it
> was just band conditions, or a poor antenna installation. Field Day
> 2010 I took along an MFJ antenna analyzer and a Bird 43 wattmeter. The
> antennas measured fine with the MFJ analyzer. The radio tuned up OK on
> most bands. After a few hours of operating I noticed that between CW
> characters the wattmeter would hang up around 20 watts instead of
> dropping to zero between characters like it usually does. At that point
> I suspected an intermittent connection(s) in the radio. Not having any
> other test equipment I resorted to a solid "whack" on the radio (!).
> That surely seemed to fix the problem for many hours. At that point I
> didn't know if it was intermittent relay contacts, a loose connector, or
> whatever.
>
> With 10 meters becoming much more active lately I set up my first mobile
> installation with a 102" whip and an AH-4 tuner for the ICOM 706.
> Several bands between 40 and 10 meters would not load up consistently.
> Again, the RF power output between CW characters would hang up around

> some lower value before dropping to zero. It was time to find the "root
> cause".
>
> Fix:
> I took the radio apart, top and bottom covers. I noticed that the
> ground clip on the Band-Pass Filter board was loose to the point of
> rotating when I touched it. Many of the board screws were so loose I
> could turn them with a screwdriver between my thumb and forefinger. The
> same was true of the Power Amplifier board, which is truly scary. I
> tightened all of the screws on the Power Amplifier board, and MOST
> IMPORTANTLY, the power transistor mounting flanges!! When I reassembled
> the radio and installed it in my mobile installation the radio loaded
> properly on all bands.
>
> Reasons:
> The MOSFET power transistor mounting flanges are the source of the FETs.
> The tabs are the gate and drain. It is extremely important that the
> source (the mounting tabs) have a very good ELECTRICAL contact to the
> chassis AND a very good THERMAL contact to the chassis. A degraded
> electrical contact will increase the impedance between the source and
> ground, apparently causing amplifier instability just as in a high gain
> bipolar device. On top of that, a degraded mechanical connection to the
> heat sink will increase the thermal impedance between the MOSFET die and
> the heatsink and ambient air. (Google 'thermal resistance wikipedia' to
> see the analogy to Ohms law) The RD70HVF1 power MOSFET data sheet shows
> that the 'Theta JC' for this part is one degree C per watt. That means
> if there are 50 watts of heat at the die of the MOSFET, the 'thermal
> drop' across Theta JC will cause the junction temperature to be 50
> degrees C hotter than the heat sink. So, above all else, make sure the
> flange screws are tight and the board screws are tight to the standoff
> bosses.
>
> NOT TOO TIGHT! You don't want to break a screw off in the casting.
> Typical torque for a #4 or #6 screw is about 5 to 9 inch pounds. Don't
> over-do it.
>
> This fix has eliminated the intermittent RF behavior in my radio and I
> believe the reasons are technically correct.
>
> Jerry DeHaven
> WA0ACF
> 29 Oct. 2011
>

# 19189. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 13:44:54 UTC
From: Joe
Topic: 19132  Message: 19189

Would a guy named Ford drive a Dodge?? ;-)

Joe, N3JI

Deacon Dave <w1mce@comcast.net> wrote:

>Sounds like the time to buy a BIG RAM TRUCK :-)
>
>You NEVER want to be EQUIPMENT LIMITED :-) That includes the station location!!!
>
>Smiling DD
>
>
> ----- Original Message -----
> From: Larry J. Ford
> To: ic706@yahoogroups.com
> Sent: Friday, October 28, 2011 5:51 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
> It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.
>
> Now, if drove a big Dodge RAM truck, that would be another matter!
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Randy Allen
> To: ic706@yahoogroups.com
> Cc: Larry J. Ford
> Sent: Friday, October 28, 2011 4:42 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> Larry,
>
> I've been running a Little Tarheel II with my IC-706MKIIG for a couple
> of years (Using a Turbo Tuner). I've been very happy with it.
>
> For instance just a couple of weeks ago had a nice QSO with a Mexico
> City station on 20 Meters while driving down the interstate near
> Middletown Ohio in the middle of the day. Maybe I'm easily impressed,
> but I thought that was cool! So did the brand new ham that was riding
> with me. (Pics of the installation on my QRZ listing

>
> Not sure how that compares to the AH-2 and whip, and haven't done a lot
> on 75/80 (although I have made a few contacts there) but I sure wouldn't
> feel very "limited" with a Tarheel II.
>
> My input for what it's worth
>
> 73
>
> Randy KAØAZS
>
> On 10/28/2011 11:17, Larry J. Ford wrote:
> > I have considered selling-off all the mobile stuff I have to put that
> > money toward a good screwdriver system, but that would likely require at
> > least another $200 -$300, and I don't exactly have the best mounting
> > place or vehicle for a big screwdriver. I'd be limited to something like
> > the Tarheel II
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

# 19190. Re: [ic706] AH-2 fed 102/108 inch whip vs. Tarheel II

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 15:46:20 UTC
From: Larry J. Ford
Topic: 19190  Message: 19190

Dave,

You don't know how close to the truth you are!

If I had thought it through completely this past April when a lady (I use that term loosely) ran a red light and totaled my 2006 Honda CR-V, and the insurance company made a very fair settlement with me, I SHOULD have bought a truck! Perhaps not a BIG RAM truck, but maybe a little one. Then I could just stick as many antennas on as I needed or liked.

Unfortunately, in the haste to get a new vehicle and get out of that rental (I'll claim I was still "dazed" from the accident), I rushed out and bought a new 2011 CR-V. (Honda made it real easy to do that and rolled unused extended warranty mileage from the 2006 into a credit towards the 2011) The new CR-V is less SUV than the previous edition and more car-like (good reason it's called a "cross-over" vehicle), and has greatly reduced the mounting opportunities.

If I wouldn't take a financial bath, I'd just sell the CR-V and get me a used pick-up and put a big screwdriver on it and be done with it!

Larry J. Ford
KG4GPJ

P.S. Down at the North Carolina ARES Western Regional meeting in Morganton, NC, this past Saturday, I did see a "cross-over" SUV about like my CR-V that had a Tarheel II antenna mounted on the rear door. The installation looked very clean and the Tarheel II is of such size that it doesn't seem to "overwhelm" the vehicle. Unfortunately, I didn't know whose vehicle it was so I couldn't ask them about performance.

I wonder how a Tarheel II mounted halfway up the rear hatch door would perform relative to a 102/108 inch whip based loaded with the AH-2 tuner?

----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Monday, October 31, 2011 6:47 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Sounds like the time to buy a BIG RAM TRUCK :-)

You NEVER want to be EQUIPMENT LIMITED :-) That includes the station location!!!

Smiling DD

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, October 28, 2011 5:51 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.

Now, if drove a big Dodge RAM truck, that would be another matter!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Randy Allen
To: ic706@yahoogroups.com
Cc: Larry J. Ford
Sent: Friday, October 28, 2011 4:42 PM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Larry,

I've been running a Little Tarheel II with my IC-706MKIIG for a couple of years (Using a Turbo Tuner). I've been very happy with it.

For instance just a couple of weeks ago had a nice QSO with a Mexico City station on 20 Meters while driving down the interstate near Middletown Ohio in the middle of the day. Maybe I'm easily impressed, but I thought that was cool! So did the brand new ham that was riding with me. (Pics of the installation on my QRZ listing

Not sure how that compares to the AH-2 and whip, and haven't done a lot on 75/80 (although I have made a few contacts there) but I sure wouldn't feel very "limited" with a Tarheel II.

My input for what it's worth

73

Randy KAØAZS

On 10/28/2011 11:17, Larry J. Ford wrote:
> I have considered selling-off all the mobile stuff I have to put that
> money toward a good screwdriver system, but that would likely require at
> least another $200 -$300, and I don't exactly have the best mounting
> place or vehicle for a big screwdriver. I'd be limited to something like
> the Tarheel II

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19191. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 15:49:33 UTC
From: Larry J. Ford
Topic: 19132  Message: 19191

This guy named "Ford" hasn't driven a Ford in years! In fact, the last Ford I drove regularly was my parents' Ford Falcon back in the late '60s/early '70s.

However, I do like some of the recent models and might go back. A little Ford Ranger truck might make a good platform for a screwdriver antenna.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe
To: ic706@yahoogroups.com
Sent: Monday, October 31, 2011 8:44 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

Would a guy named Ford drive a Dodge?? ;-)

Joe, N3JI

Deacon Dave <w1mce@comcast.net> wrote:

>Sounds like the time to buy a BIG RAM TRUCK :-)
>
>You NEVER want to be EQUIPMENT LIMITED :-) That includes the station location!!!
>
>Smiling DD
>
>
> ----- Original Message -----
> From: Larry J. Ford
> To: ic706@yahoogroups.com
> Sent: Friday, October 28, 2011 5:51 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
>
>
> It's my understanding that the "bigger" screwdriver antennas with bigger coils, etc., perform better on the lower bands, but I just don't have the type of vehicle that lends itself to mounting one of those larger screwdrivers.
>
> Now, if drove a big Dodge RAM truck, that would be another matter!
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Randy Allen
> To: ic706@yahoogroups.com

> Cc: Larry J. Ford
> Sent: Friday, October 28, 2011 4:42 PM
> Subject: Re: [ic706] 118-inch SS whip antenna element - source?
>
> Larry,
>
> I've been running a Little Tarheel II with my IC-706MKIIG for a couple
> of years (Using a Turbo Tuner). I've been very happy with it.
>
> For instance just a couple of weeks ago had a nice QSO with a Mexico
> City station on 20 Meters while driving down the interstate near
> Middletown Ohio in the middle of the day. Maybe I'm easily impressed,
> but I thought that was cool! So did the brand new ham that was riding
> with me. (Pics of the installation on my QRZ listing
>
> Not sure how that compares to the AH-2 and whip, and haven't done a lot
> on 75/80 (although I have made a few contacts there) but I sure wouldn't
> feel very "limited" with a Tarheel II.
>
> My input for what it's worth
>
> 73
>
> Randy KAØAZS
>
> On 10/28/2011 11:17, Larry J. Ford wrote:
> > I have considered selling-off all the mobile stuff I have to put that
> > money toward a good screwdriver system, but that would likely require at
> > least another $200 -$300, and I don't exactly have the best mounting
> > place or vehicle for a big screwdriver. I'd be limited to something like
> > the Tarheel II
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19192. Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 17:09:02 UTC
From: k7ovm
Topic: 19182  Message: 19192

I took the control head off and cleaned off the contacts on the body..also took an eraser to the contacts on the control head. Adjusted the pins in the molex connector and now when I power up the rig I'm back to where I can hear a clicking noise but still no indication in the display that the radio is turning on. Tnx for your fast response.. Charles K7OVM

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> check the fuses in the power cord take then from the holders and clean the
> contact areas, when you hook it up you should hear the relay pull in to
> standby, also clean the contacts between the head and body this is where a
> lot of problems at solved. there are a few other spots that can be checked
> but lets start here with the common ones.
>
>
> Jack N6UYB
>
> -----Original Message-----
> From: k7ovm
> Sent: Sunday, October 30, 2011 6:36 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 will not power on
>
> Recently purchased a IC-706 off the Internet and finally today decided to
> hook it up to a Astron DC P/S to see if it worked..initially, after hooking
> it up to the P/S and pushing the power button..I would hear a "clicking"
> noise and nothing in the screen at all. I use this particular P/S on my
> other radio and it works FB. Tried another P/S I had and same indication.
> Pulled the cover & checked the fuse, it appears to be fine. Now, when I
> hooked it back up to the P/S...it doesn't even emit a clicking noise. Guess
> I may have learned an expensive lesson about buying things "used" off the
> Internet. Any help or guidance would sure be appreciated. Tnx Charlie
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 19193. Re: [ic706] Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 17:19:06 UTC
From: Jack
Topic: 19182  Message: 19193

try opening the radio loosen and retighten all of the chaises screws
sometimes it will lose ground.
Jack

-----Original Message-----
From: k7ovm
Sent: Monday, October 31, 2011 1:09 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC-706 will not power on

I took the control head off and cleaned off the contacts on the body..also
took an eraser to the contacts on the control head. Adjusted the pins in
the molex connector and now when I power up the rig I'm back to where I can
hear a clicking noise but still no indication in the display that the radio
is turning on. Tnx for your fast response.. Charles K7OVM

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> check the fuses in the power cord take then from the holders and clean the
> contact areas, when you hook it up you should hear the relay pull in to
> standby, also clean the contacts between the head and body this is where a
> lot of problems at solved. there are a few other spots that can be checked
> but lets start here with the common ones.
>
>
> Jack N6UYB
>
> -----Original Message-----
> From: k7ovm
> Sent: Sunday, October 30, 2011 6:36 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] IC-706 will not power on
>
> Recently purchased a IC-706 off the Internet and finally today decided
> to
> hook it up to a Astron DC P/S to see if it worked..initially, after
> hooking
> it up to the P/S and pushing the power button..I would hear a "clicking"
> noise and nothing in the screen at all. I use this particular P/S on my
> other radio and it works FB. Tried another P/S I had and same indication.
> Pulled the cover & checked the fuse, it appears to be fine. Now, when I
> hooked it back up to the P/S...it doesn't even emit a clicking noise.
> Guess
> I may have learned an expensive lesson about buying things "used" off the
> Internet. Any help or guidance would sure be appreciated. Tnx Charlie
>

>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

---

Yahoo! Groups Links

# 19194. Re: [ic706] Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 18:32:03 UTC
From: Stu Capon
Topic: 19182  Message: 19194

Should we not also check it is an original version just in case its a MKII and has the PCB track problem?

Stu M0AQY

# 19195. Re: [ic706] Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 18:37:31 UTC
From: Charles Shanks
Topic: 19182  Message: 19195

Appreciate all the resonses regarding this IC-706.  I pulled the cover and tightened the pcb ground screws but still no display or indication that it's powered on.  If I listen real close...I think I hear a fan turning from the inside.  Tnx Charles K7OVM

[Non-text portions of this message have been removed]

# 19196. Re: current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 18:41:57 UTC
From: EdwinB
Topic: 19179  Message: 19196

My 706 is hardwired to the battery in my truck and after sitting for 6 weeks, the truck started up FB.

Regards,
Ed

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> My 706G is on an Astron 35amp metered supply. Don't know how accurate the
> front panel meters are and they only are in 2 amp increments but my rig
> shows a hair under 1 amp when the rig is powered off. Approx 2 amps on and
> squelched.
> Probably not a good idea to keep it hooked up to a battery all the time.
>
> 73,
> Wayne
> n4eyz
>
>
>
>
> On Sun, Oct 30, 2011 at 9:32 PM, David Westbrook <dwestbrook@...>wrote:
>
> > **
> > >
> > >
> > Hopefully this isn't as silly a question as it sounds in the subject line
> > :)
> > >
> > With IC706MKII radio off -- when turning on/off the power supply (or
> > connecting/disconnecting battery), I can hear a relay click ... So what,
> > if any, is the current drain while power source is connected, but radio is
> > off?
> > >
> > The "Ch.13 Specifications" page of the manual doesn't mention anything. And
> > i'm not very familiar with how relays work, but I assume something holds it
> > in the non-resting state (hence the click with power connection; and again
> > w/power disconnect)?
> > >
> > Source of the question is that I'm just starting out on
> > battery/portable/mobile operation, and wonder if it's bad to leave the
> > battery connected (e.g. overnight or a couple days) when radio's not in
> > use. It's just a UB1280 (8Ah), so nothing big.
> > >
> > thanks,

> > --david
> > KJ4IZW
> > South Carolina
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19197. Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 19:44:33 UTC
From: Butch
Topic: 19132  Message: 19197

Another thought for longer whips would be to contact Wilson Antennas about obtaining one of there bottom shafts for a mirror mount Wilson 1000 or 2000 antenna (CB antenna). I think the shafts come in one and 2 foot lengths and they have 38" x 24 threads on both ends and could easily be coupled to one of the Radio shack 102" whips which I hear are really only 96" and the optional spring adds another 6 inches. Also, you could go to a machine shop and buy a stainless steel 3/8 in rod about any lengths and have them tread each end to make any length extension you need. I've done that before and have a 4' extension that I use with a homebrew bugcatcher antenna. To couple the estension to a Radio Shack whip would only require a 3/8" coupler nut available from many sources like the folks at Tower Electronics - www.pl-259.com

73
Rick
KC8AON

# 19198. Re: [ic706] Re: current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 22:05:03 UTC
From: Wayne Bowyer
Topic: 19179  Message: 19198

I think the OP mentioned he was running off a small amp/hr batt in which
case he may have problems if he left it on.

73
Wayne

On Mon, Oct 31, 2011 at 2:41 PM, EdwinB <n5kzw@...> wrote:

> **
>
>
> My 706 is hardwired to the battery in my truck and after sitting for 6
> weeks, the truck started up FB.
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
> >
> > My 706G is on an Astron 35amp metered supply. Don't know how accurate the
> > front panel meters are and they only are in 2 amp increments but my rig
> > shows a hair under 1 amp when the rig is powered off. Approx 2 amps on
> and
> > squelched.
> > Probably not a good idea to keep it hooked up to a battery all the time.
> >
> > 73,
> > Wayne
> > n4eyz
> >
> >
> >
> >
> > On Sun, Oct 30, 2011 at 9:32 PM, David Westbrook <dwestbrook@...>wrote:
> >
> > > **
> > >
> > >
> > > Hopefully this isn't as silly a question as it sounds in the subject
> line
> > > :)
> > >
> > > With IC706MKII radio off -- when turning on/off the power supply (or
> > > connecting/disconnecting battery), I can hear a relay click ... So
> what,
> > > if any, is the current drain while power source is connected, but

> radio is
> > > off?
> > >
> > > The "Ch.13 Specifications" page of the manual doesn't mention
> anything. And
> > > i'm not very familiar with how relays work, but I assume something
> holds it
> > > in the non-resting state (hence the click with power connection; and
> again
> > > w/power disconnect)?
> > >
> > > Source of the question is that I'm just starting out on
> > > battery/portable/mobile operation, and wonder if it's bad to leave the
> > > battery connected (e.g. overnight or a couple days) when radio's not in
> > > use. It's just a UB1280 (8Ah), so nothing big.
> > >
> > > thanks,
> > > --david
> > > KJ4IZW
> > > South Carolina
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 19199. Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 23:30:24 UTC
From: phil_ad5x
Topic: 19132  Message: 19199

Use a MFJ-1966 108" SS whip, a Lakeview 009HD quick disconnect, and a mobile spring mount (CB style).

Phil - AD5X

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Do any of you know a good source for an 118-inch SS whip antenna element? Not having much luck with Google.
>
> I have an ICOM AH-2 autotuner that the specs say will match 3.5 MHz to 30 MHz with an antenna element longer than 3 meters. 3 meters is a bit longer than 118 inches, but I really only want to match 3.9 MHz and above, so 118 inches should work.
>
> This would be for a mobile installation with the ICOM AH-2b antenna base, and an ICOM IC-706MKII.
>
> I'll be going to the Lawrenceville (Stone Mountain, GA) hamfest next weekend; any vendors likely to be there that would carry an 118-inch whip?
>
> Thanks and 73,
>
> Larry J. Ford
> KG4GPJ
>
>
> [Non-text portions of this message have been removed]
>

# 19200. Re: [ic706] Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-10-31 23:43:15 UTC
From: Facility 406 DM09
Topic: 19182  Message: 19200

"also took an eraser to the contacts on the control head. "

Did you clean the pins with alcohol to remove the oily residue and smeared rubber most erasers leave behind?

Kurt

# 19201. Re: [ic706] Re: IC-706 will not power on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 01:52:54 UTC
From: Larry J. Ford
Topic: 19182  Message: 19201

A judicious application of Deoxit will work wonders for corroded, dirty, or sticky contacts and switches.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Facility 406 DM09
To: ic706@yahoogroups.com
Sent: Monday, October 31, 2011 6:43 PM
Subject: Re: [ic706] Re: IC-706 will not power on

"also took an eraser to the contacts on the control head. "

Did you clean the pins with alcohol to remove the oily residue and smeared rubber most erasers leave behind?

Kurt

[Non-text portions of this message have been removed]

# 19202. Re: current drain while off?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 02:59:42 UTC
From: Mark Brueggemann
Topic: 19179  Message: 19202

--- On Sun, Oct 30, 2011 at 9:32 PM, David Westbrook <dwestbrook@...>wrote:

> what, if any, is the current drain while power source
> is connected, but radio is off?

As measured, 20C ambient:

13.80V input = 3.75mA
12.75V input = 3.64mA

Mark K5LXP
Albuquerque, NM

# 19203. Re: [ic706] Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 14:50:20 UTC
From: John Geiger
Topic: 19175  Message: 19203

Hi Dave,

Thanks for the feedback, sounds like a doable project. Now to just find the parts and get going on it. I am sure I am not the only one who will be interested in your plans, thanks for taking the time to share it with the list.

73s John AA5JG
----- Original Message -----
From: Dave Wright
To: ic706@yahoogroups.com
Sent: Monday, October 31, 2011 5:07 AM
Subject: Re: [ic706] Mic jack on Icom 706

Hi John,
It's simple to do, using the VOX for digital modes, in fact I did it for free(well, relatively speaking)

Get a length of CAT5 cable with the connectors on it. 3 1/8th mono audio connectors, 2- 600:600 ohm audio transformers

Cut one end off of the cable. This will be the PC end.

The other end is the mic connector. A pair of the wires will be used for the speaker out from the radio, so keep that in mind. After figuring out the layout of the mic connector to the CAT5 cable layout, snip the pair you dont have assigned. Solder on one of the audio connectors. That pair will go to the mic in on the PC.

The other pair will go to ground/VOX on the radio thru the jack, so solder the audio connectors on the pair you have designated for the VOX/ground. That will go to your speaker out on the computer.

Somewhere in line, you will need to put in the transformers. This helps even out the audio and makes adjusting the levels easier. If you get confused or need help, please let me know.

--
David Wright
Public Information Officer
Kendall County ARES

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19204. Re: [ic706] 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 14:55:53 UTC
From: Deacon Dave
Topic: 19132  Message: 19204

You might have some troubles with the ranger.

I drive a 2003 Ranger 4 cylinder. The fuel injector noise is just terrible on the lower bands. I have an EE degree and managed an engineering EMC/EMR/EMRH/EMP group for years. After 8 years I STILL have fuel injector noise that kills in 75 meters when driving above 55 mph.

DD
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Monday, October 31, 2011 11:49 AM
Subject: Re: [ic706] 118-inch SS whip antenna element - source?

This guy named "Ford" hasn't driven a Ford in years! In fact, the last Ford I drove regularly was my parents' Ford Falcon back in the late '60s/early '70s.

However, I do like some of the recent models and might go back. A little Ford Ranger truck might make a good platform for a screwdriver antenna.

[Non-text portions of this message have been removed]

# 19205. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 15:15:01 UTC
From: Dennis Griffin
Topic: 19132  Message: 19205

Hi Dave,

Do you have anything you can share regarding protecting our ham xcvrs from EMP?

73 de Dennis KD7CAC
Scottsdale, AZ

On Nov 1, 2011, at 7:55 AM, Deacon Dave wrote:

> You might have some troubles with the ranger.
>
> I drive a 2003 Ranger 4 cylinder. The fuel injector noise is just terrible on the lower bands. I have an EE degree and managed an engineering EMC/EMR/EMRH/EMP group for years.

[Non-text portions of this message have been removed]

# 19206. Re: Mic jack on Icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 17:51:19 UTC
From: Dave
Topic: 19175  Message: 19206

Hi John,
Hope this helps!

Dave

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> Hi Dave,
>
> Thanks for the feedback, sounds like a doable project. Now to just find the parts and get going on it. I am sure I am not the only one who will be interested in your plans, thanks for taking the time to share it with the list.
>
> 73s John AA5JG
> ----- Original Message -----
> From: Dave Wright
> To: ic706@yahoogroups.com
> Sent: Monday, October 31, 2011 5:07 AM
> Subject: Re: [ic706] Mic jack on Icom 706
>
>
>
>
> Hi John,
> It's simple to do, using the VOX for digital modes, in fact I did it for
> free(well, relatively speaking)
>
> Get a length of CAT5 cable with the connectors on it. 3 1/8th mono audio
> connectors, 2- 600:600 ohm audio transformers
>
> Cut one end off of the cable. This will be the PC end.
>
> The other end is the mic connector. A pair of the wires will be used for
> the speaker out from the radio, so keep that in mind. After figuring out
> the layout of the mic connector to the CAT5 cable layout, snip the pair you
> dont have assigned. Solder on one of the audio connectors. That pair will
> go to the mic in on the PC.
>
> The other pair will go to ground/VOX on the radio thru the jack, so solder
> the audio connectors on the pair you have designated for the VOX/ground.
> That will go to your speaker out on the computer.
>
> Somewhere in line, you will need to put in the transformers. This helps
> even out the audio and makes adjusting the levels easier. If you get
> confused or need help, please let me know.
>

> --
> David Wright
> Public Information Officer
> Kendall County ARES
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19207. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 20:40:01 UTC
From: Deacon Dave
Topic: 19132  Message: 19207

Disconnect from ALL external wires & cables.

Place INSIDE a 100% aluminum suitcase. Close and latch suitcase when not in use ... Seriously.

- - - - -

If an EMP event occurs while on HF and connected to the antenna the rf stages are cooked. EMP spectral density has maximum values from 160 to 20 meters.

The standard EMP model is 50,000 volts per meter with a rise time of 0.01 microseconds [10^-8 seconds] and a pulse width of several microseconds. [NOTE: a 1/2 wavelength long 80 meter antenna could "see" a 2 million volts broad band field intensity between the ends of the antenna. GULP !! When I left the design world the best protection for HF receiver front ends were VACUUM TUBES ... true!

EMP pulse rise time is 10X quicker than lightning and the field intensity is 2 to 3 times larger than lightning. The spectral energy maximum occurs about 5 to 10X higher than lightning. In today's design world I would add a 100% shielded vacuum tube pre-amp connected to the radio by 95% double shielded coax using Type N connectors. Power amplifier stages would drive narrow band filters to a Hi-Q 100% shielded tuner. Keep the passband VERY NARROW!

Power line surges, however, can be accommodated by a combination of filtering and peak voltage limiting.

VHF/UHF radios can be made EMP tolerant simply by designing very robust passband filters. The EMP signals have very little energy above 100 MHZ. Add high quality 95% double shielded coax and Type N connectors from the VHF/UHF antenna. So, good filter design keeps the induced signals away from the rf stages. Add good power and coax line shielding, followed by proper filtering and limiting and you are home free.

If you can do all this for less than several $100,000/radio you might become a successful entrepreneur. :-) :-)

DD

----- Original Message -----
From: Dennis Griffin
To: ic706@yahoogroups.com
Sent: Tuesday, November 01, 2011 11:15 AM
Subject: Re: [ic706] 118-inch SS whip; now EMP

Hi Dave,

Do you have anything you can share regarding protecting our ham xcvrs from EMP?

73 de Dennis KD7CAC
Scottsdale, AZ

[Non-text portions of this message have been removed]

# 19208. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 21:32:45 UTC
From: Dennis Griffin
Topic: 19132  Message: 19208

Hi Dave,

Thanks for the prompt reply and generous info. So, are you a Zero Halliburton salesman? Just kidding.

I have about 3 dozen VHF/UHF HT's, many scanners and several mobile xcvrs that I want to protect from an EMP event. I've wondered about paint cans, because of the way they seal. If an HT were to be wrapped in foam, minus battery pack & duckie, and placed inside a new, metal paint can, would that suffice? Would a static safe bag containing the foam wrapped HT with another isolating layer of foam add another layer of protection to the previous method? I've also wondered about making a plywood box large enough to contain all devices and lining it with fine mesh copper screen, with good engagement of the screen at the lid. Worth pursuing?

One of my motorcycles, a big single dual sport, has no electronics that I would consider to be EMP sensitive, except the CDI ignition module. In the event of an EMP occurrence, I'd want to use it to get by all the parked modern vehicles on the roadways to go to a mountaintop location not too far from home to establish simplex comms with others that had taken appropriate precautions. Would wrapping the CDI unit, or maybe a spare, and its wiring in aluminum foil be worth the effort?

Thanks for your time. There is a lot of theory about EMP out there, but I've found little to address the practical issues such as I've presented here.

73 de Dennis KD7CAC
Scottsdale, AZ

On Nov 1, 2011, at 1:40 PM, Deacon Dave wrote:

> Disconnect from ALL external wires & cables.
>
> Place INSIDE a 100% aluminum suitcase. Close and latch suitcase when not in use ... Seriously.

[Non-text portions of this message have been removed]

# 19209. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-01 22:04:54 UTC
From: Deacon Dave
Topic: 19132  Message: 19209

Paint cans are as good as a Halliburton ... or whatever and much less expensive. NOTE: I use no name aluminum suitcases for my cameras and my station sits on a 'Bingo' type church table. See my QRZ photo.. Both provide a 100% Faraday Shield.

Static Safe? ... I doubt it. The static safe products have very high resistivity as measured as 'sheet resistance'. It's value is the megohm per square which is fine for bleeding off a slow rise time electric charge. EMP induced current transients can easily exceed 1000 amperes. That's a lot of charge to 'bleed-off'.

A mini screen room ... AKA fine mesh shielded six sided enclosure... should be fine. The main leakage is from poor contact around 'the door' or cover in your case. Conducting finger stock is the solution. A box easily can provide 100 dB shielding up to lower UHF frequencies.

Vehicle ignition computers ... well I have never studied how they are built, installed, etc.

A better solution: Solve International problems before the use of EMP type devices, nuclear and non-nuclear, become an "on the table" option. [Even among "terrorists" or other NGO groups]

DD, W1MCE

----- Original Message -----
From: Dennis Griffin
To: ic706@yahoogroups.com
Sent: Tuesday, November 01, 2011 5:32 PM
Subject: Re: [ic706] 118-inch SS whip; now EMP

Hi Dave,

Thanks for the prompt reply and generous info. So, are you a Zero Halliburton salesman? Just kidding.

I have about 3 dozen VHF/UHF HT's, many scanners and several mobile xcvrs that I want to protect from an EMP event. I've wondered about paint cans, because of the way they seal. If an HT were to be wrapped in foam, minus battery pack & duckie, and placed inside a new, metal paint can, would that suffice? Would a static safe bag containing the foam wrapped HT with another isolating layer of foam add another layer of protection to the previous method? I've also wondered about making a plywood box large enough to contain all devices and lining it with fine mesh copper screen, with good engagement of the screen at the lid. Worth pursuing?

One of my motorcycles, a big single dual sport, has no electronics that I would consider to be EMP sensitive, except the CDI ignition module. In the event of an EMP occurrence, I'd want to use it to get by all the parked modern vehicles on the roadways to go to a mountaintop location not too far from home to establish simplex comms with others that had

taken appropriate precautions. Would wrapping the CDI unit, or maybe a spare, and its wiring in aluminum foil be worth the effort?

Thanks for your time. There is a lot of theory about EMP out there, but I've found little to address the practical issues such as I've presented here.

73 de Dennis KD7CAC
Scottsdale, AZ

On Nov 1, 2011, at 1:40 PM, Deacon Dave wrote:

> Disconnect from ALL external wires & cables.
>
> Place INSIDE a 100% aluminum suitcase. Close and latch suitcase when not in use ... Seriously.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19210. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-02 01:00:11 UTC
From: Deacon Dave
Topic: 19132  Message: 19210

OOOPPPSSS !!

Poor language structure. I meant the Halliburton and the paint can each provide a 100% Faraday Shield. My Bingo bench is just an EMP susceptible bench :-)

----- Original Message -----
From: Deacon Dave
To: ic706@yahoogroups.com
Sent: Tuesday, November 01, 2011 6:04 PM
Subject: Re: [ic706] 118-inch SS whip; now EMP

Paint cans are as good as a Halliburton ... or whatever and much less expensive. NOTE: I use no name aluminum suitcases for my cameras and my station sits on a 'Bingo' type church table. See my QRZ photo.. Both provide a 100% Faraday Shield.

Static Safe? ... I doubt it. The static safe products have very high resistivity as measured as 'sheet resistance'. It's value is the megohm per square which is fine for bleeding off a slow rise time electric charge. EMP induced current transients can easily exceed 1000 amperes. That's a lot of charge to 'bleed-off'.

A mini screen room ... AKA fine mesh shielded six sided enclosure... should be fine. The main leakage is from poor contact around 'the door' or cover in your case. Conducting finger stock is the solution. A box easily can provide 100 dB shielding up to lower UHF frequencies.

Vehicle ignition computers ... well I have never studied how they are built, installed, etc.

A better solution: Solve International problems before the use of EMP type devices, nuclear and non-nuclear, become an "on the table" option. [Even among "terrorists" or other NGO groups]

DD, W1MCE

----- Original Message -----
From: Dennis Griffin
To: ic706@yahoogroups.com
Sent: Tuesday, November 01, 2011 5:32 PM
Subject: Re: [ic706] 118-inch SS whip; now EMP

Hi Dave,

Thanks for the prompt reply and generous info. So, are you a Zero Halliburton salesman? Just kidding.

I have about 3 dozen VHF/UHF HT's, many scanners and several mobile xcvrs that I want to protect from an EMP event. I've wondered about paint cans, because of the way they seal. If an HT were to be wrapped in foam, minus battery pack & duckie, and placed inside a new,

metal paint can, would that suffice? Would a static safe bag containing the foam wrapped HT with another isolating layer of foam add another layer of protection to the previous method? I've also wondered about making a plywood box large enough to contain all devices and lining it with fine mesh copper screen, with good engagement of the screen at the lid. Worth pursuing?

One of my motorcycles, a big single dual sport, has no electronics that I would consider to be EMP sensitive, except the CDI ignition module. In the event of an EMP occurrence, I'd want to use it to get by all the parked modern vehicles on the roadways to go to a mountaintop location not too far from home to establish simplex comms with others that had taken appropriate precautions. Would wrapping the CDI unit, or maybe a spare, and its wiring in aluminum foil be worth the effort?

Thanks for your time. There is a lot of theory about EMP out there, but I've found little to address the practical issues such as I've presented here.

73 de Dennis KD7CAC
Scottsdale, AZ

On Nov 1, 2011, at 1:40 PM, Deacon Dave wrote:

> Disconnect from ALL external wires & cables.
>
> Place INSIDE a 100% aluminum suitcase. Close and latch suitcase when not in use ... Seriously.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19211. Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-02 04:23:54 UTC
From: EdwinB
Topic: 19132  Message: 19211

Henry has decided to resume building Texas Bug Catchers. <www.texasbugcatcher.com> I think he is still selling his SS masts with 3/8-24 threads in 6-inch increments up to several feet long.

Regards,
Ed

--- In ic706@yahoogroups.com, "Butch" <rmckee1957@...> wrote:
>
>
> Another thought for longer whips would be to contact Wilson Antennas about obtaining one of there bottom shafts for a mirror mount Wilson 1000 or 2000 antenna (CB antenna). I think the shafts come in one and 2 foot lengths and they have 38" x 24 threads on both ends and could easily be coupled to one of the Radio shack 102" whips which I hear are really only 96" and the optional spring adds another 6 inches. Also, you could go to a machine shop and buy a stainless steel 3/8 in rod about any lengths and have them tread each end to make any length extension you need. I've done that before and have a 4' extension that I use with a homebrew bugcatcher antenna. To couple the estension to a Radio Shack whip would only require a 3/8" coupler nut available from many sources like the folks at Tower Electronics - www.pl-259.com
>
> 73
> Rick
> KC8AON
>

# 19212. Re: [ic706] 118-inch SS whip; now EMP

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-02 01:18:53 UTC
From: Richard Schnedorf
Topic: 19132  Message: 19212

You can buy surplus 30 cal or 50 cal steel ammo cans at a reasonable price which should be good for storing your HTs. If you want something bigger, I believe that I've seen used rocket launcher containers for sale which should be good for your larger equipment. They're also water proof.

Richard Schnedorf, W9LGH

--- On Tue, 11/1/11, Dennis Griffin <eagleeyedennis@...> wrote:

From: Dennis Griffin <eagleeyedennis@...>
Subject: Re: [ic706] 118-inch SS whip; now EMP
To: ic706@yahoogroups.com
Date: Tuesday, November 1, 2011, 4:32 PM

Hi Dave,

Thanks for the prompt reply and generous info. So, are you a Zero Halliburton salesman? Just kidding.

I have about 3 dozen VHF/UHF HT's, many scanners and several mobile xcvrs that I want to protect from an EMP event. I've wondered about paint cans, because of the way they seal. If an HT were to be wrapped in foam, minus battery pack & duckie, and placed inside a new, metal paint can, would that suffice? Would a static safe bag containing the foam wrapped HT with another isolating layer of foam add another layer of protection to the previous method? I've also wondered about making a plywood box large enough to contain all devices and lining it with fine mesh copper screen, with good engagement of the screen at the lid. Worth pursuing?

One of my motorcycles, a big single dual sport, has no electronics that I would consider to be EMP sensitive, except the CDI ignition module. In the event of an EMP occurrence, I'd want to use it to get by all the parked modern vehicles on the roadways to go to a mountaintop location not too far from home to establish simplex comms with others that had taken appropriate precautions. Would wrapping the CDI unit, or maybe a spare, and its wiring in aluminum foil be worth the effort?

Thanks for your time. There is a lot of theory about EMP out there, but I've found little to address the practical issues such as I've presented here.

73 de Dennis KD7CAC
Scottsdale, AZ

On Nov 1, 2011, at 1:40 PM, Deacon Dave wrote:

> Disconnect from ALL external wires & cables.
>
> Place INSIDE a 100% aluminum suitcase. Close and latch suitcase when not in use ... Seriously.

[Non-text portions of this message have been removed]

# 19213. Re: [ic706] Re: 118-inch SS whip antenna element - source?

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-02 15:33:11 UTC
From: Larry J. Ford
Topic: 19132  Message: 19213

Wonder if you could use the AH-2/AH-4 with one of those Bug Catcher antennas with the big center coil and NOT have to get out and fool with manually changing the tap point on the coil?
DD?

Probably too convenient a solution to actually work!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: EdwinB
To: ic706@yahoogroups.com
Sent: Tuesday, November 01, 2011 11:23 PM
Subject: [ic706] Re: 118-inch SS whip antenna element - source?

Henry has decided to resume building Texas Bug Catchers. <www.texasbugcatcher.com> I think he is still selling his SS masts with 3/8-24 threads in 6-inch increments up to several feet long.

Regards,
Ed

--- In ic706@yahoogroups.com, "Butch" <rmckee1957@...> wrote:
>
>
> Another thought for longer whips would be to contact Wilson Antennas about obtaining one of there bottom shafts for a mirror mount Wilson 1000 or 2000 antenna (CB antenna). I think the shafts come in one and 2 foot lengths and they have 38" x 24 threads on both ends and could easily be coupled to one of the Radio shack 102" whips which I hear are really only 96" and the optional spring adds another 6 inches. Also, you could go to a machine shop and buy a stainless steel 3/8 in rod about any lengths and have them tread each end to make any length extension you need. I've done that before and have a 4' extension that I use with a homebrew bugcatcher antenna. To couple the estension to a Radio Shack whip would only require a 3/8" coupler nut available from many sources like the folks at Tower Electronics - www.pl-259.com
>
> 73
> Rick
> KC8AON
>

[Non-text portions of this message have been removed]

# 19214. IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 11:01:09 UTC
From: Jan
Topic: 19214  Message: 19214

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

# 19215. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 13:52:08 UTC
From: Wayne Bowyer
Topic: 19214  Message: 19215

What antenna are you using? I used the same rig /ah4 and ran a 40m hamstick
for everything. Tuned fine 80-6

On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@cadillacfans.com> wrote:

> **
>
>
> Hi,
> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> antennas
> for different bands. I have not run 10m mobile before, and thought I'd try
> it, now when the conditions are so good. I have not had any problems with
> tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a
> good advice. Buying new tuner Will not be the solution. I love my AH-4
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19216. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:19:15 UTC
From: Jan
Topic: 19214  Message: 19216

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Wayne Bowyer
Sent: Thursday, November 03, 2011 2:52 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

What antenna are you using? I used the same rig /ah4 and ran a 40m hamstick for everything. Tuned fine 80-6

On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:

> **
>
>
> Hi,
> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> antennas
> for different bands. I have not run 10m mobile before, and thought I'd try
> it, now when the conditions are so good. I have not had any problems with
> tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> antenna. Very high SWR, and no power out. Is there anyone WHO Can give me
a
> good advice. Buying new tuner Will not be the solution. I love my AH-4
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19217. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 15:27:04 UTC
From: Larry J. Ford
Topic: 19214  Message: 19217

Have you tried another 10 meter "stick" either from the same manufacturer, or from another of the well-known brands (Hamstick, Workman, MFJ).

If you've used only the one 10 meter antenna you report the problem with, then that antenna could be defective.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com
Sent: Thursday, November 03, 2011 9:19 AM
Subject: RE: [ic706] IC-706MkIIG + AH-4

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Wayne Bowyer
Sent: Thursday, November 03, 2011 2:52 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

What antenna are you using? I used the same rig /ah4 and ran a 40m hamstick for everything. Tuned fine 80-6

On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:

> **
>
>
> Hi,
> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> antennas
> for different bands. I have not run 10m mobile before, and thought I'd try
> it, now when the conditions are so good. I have not had any problems with
> tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> antenna. Very high SWR, and no power out. Is there anyone WHO Can give me
a
> good advice. Buying new tuner Will not be the solution. I love my AH-4
>
> 73
>
> Jan - LA2XSA
>

> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19218. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:33:49 UTC
From: Wayne Bowyer
Topic: 19214  Message: 19218

So you're using the ah4 and the appropriate stik for each band?

On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@...> wrote:

> **
>
>
> I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> problems before I bought a 10M stick
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 2:52 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> What antenna are you using? I used the same rig /ah4 and ran a 40m hamstick
> for everything. Tuned fine 80-6
>
> On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:
>
> > **
> >
> >
> > Hi,
> > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > antennas
> > for different bands. I have not run 10m mobile before, and thought I'd
> try
> > it, now when the conditions are so good. I have not had any problems with
> > tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> > antenna. Very high SWR, and no power out. Is there anyone WHO Can give me
> a
> > good advice. Buying new tuner Will not be the solution. I love my AH-4
> >
> > 73
> >
> > Jan - LA2XSA
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19219. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:37:17 UTC
From: Jan
Topic: 19214  Message: 19219

Larry,

No, I have not tested antennas from other manufacturers, but I have tried the antenna on another car. He has an IC-7000, and a LDG IT-100 tuner.

No problems there.

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, November 03, 2011 4:27 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

Have you tried another 10 meter "stick" either from the same manufacturer, or from another of the well-known brands (Hamstick, Workman, MFJ).

If you've used only the one 10 meter antenna you report the problem with, then that antenna could be defective.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, November 03, 2011 9:19 AM
Subject: RE: [ic706] IC-706MkIIG + AH-4

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

-----Original Message-----
From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Wayne Bowyer
Sent: Thursday, November 03, 2011 2:52 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] IC-706MkIIG + AH-4

What antenna are you using? I used the same rig /ah4 and ran a 40m hamstick for everything. Tuned fine 80-6

On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@... <mailto:jan%40cadillacfans.com> > wrote:

> **
>
>
> Hi,
> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> antennas
> for different bands. I have not run 10m mobile before, and thought I'd try
> it, now when the conditions are so good. I have not had any problems with
> tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> antenna. Very high SWR, and no power out. Is there anyone WHO Can give me
a
> good advice. Buying new tuner Will not be the solution. I love my AH-4
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19220. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:38:20 UTC
From: Jan
Topic: 19214  Message: 19220

Yes, that's correct.
Jan

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
Wayne Bowyer
Sent: Thursday, November 03, 2011 3:34 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

So you're using the ah4 and the appropriate stik for each band?

On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@...> wrote:

> **
>
>
> I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> problems before I bought a 10M stick
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 2:52 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> What antenna are you using? I used the same rig /ah4 and ran a 40m
hamstick
> for everything. Tuned fine 80-6
>
> On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:
>
> > **
> >
> >
> > Hi,
> > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > antennas
> > for different bands. I have not run 10m mobile before, and thought I'd
> try
> > it, now when the conditions are so good. I have not had any problems
with
> > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
meters

> > antenna. Very high SWR, and no power out. Is there anyone WHO Can give
me
> a
> > good advice. Buying new tuner Will not be the solution. I love my AH-4
> >
> > 73
> >
> > Jan - LA2XSA
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

# 19221. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:41:21 UTC
From: Mike Rodgers
Topic: 19214  Message: 19221

How about trying bypassing the tuner and see if it works.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Nov 3, 2011, at 9:38 AM, "Jan" <jan@...> wrote:

> Yes, that's correct.
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 3:34 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> So you're using the ah4 and the appropriate stik for each band?
>
> On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@...> wrote:
>
> > **
> >
> >
> > I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> > problems before I bought a 10M stick
> > Jan
> >
> > -----Original Message-----
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> > Wayne Bowyer
> > Sent: Thursday, November 03, 2011 2:52 PM
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MkIIG + AH-4
> >
> > What antenna are you using? I used the same rig /ah4 and ran a 40m
> hamstick
> > for everything. Tuned fine 80-6
> >
> > On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:
> >

> > > **
> > >
> > >
> > > Hi,
> > > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > > antennas
> > > for different bands. I have not run 10m mobile before, and thought I'd
> > try
> > > it, now when the conditions are so good. I have not had any problems
> with
> > > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
> meters
> > > antenna. Very high SWR, and no power out. Is there anyone WHO Can give
> me
> > a
> > > good advice. Buying new tuner Will not be the solution. I love my AH-4
> > >
> > > 73
> > >
> > > Jan - LA2XSA
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

[Non-text portions of this message have been removed]

# 19222. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 14:57:17 UTC
From: Stu Capon
Topic: 19214  Message: 19222

Does seem likely to me (and reading between the lines others too polite to mention)
half the reason for decent auto tuner is to use "one bit of wire" for many bands, using a tuner which will have inherent loss for an already resonant antenna is not ideal.

Assuming the antenna and tuner combination offer too much inductance to resonate cleanly on 10 either go the no-tuner route or just try a bit of wire less than a quarter wave at the band.
Stick 7-8ft of copper wire vertical over an insulator and see if it will match that.

I seem to remember they say those tuners need more than X feet to work but extra capacitance to vehicle body could mean it needs less.

Just an idea.

Stu

On 03/11/11 15:27, Larry J. Ford wrote:
>
> Have you tried another 10 meter "stick" either from the same
> manufacturer, or from another of the well-known brands (Hamstick,
> Workman, MFJ).
>
> If you've used only the one 10 meter antenna you report the problem
> with, then that antenna could be defective.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Jan
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Thursday, November 03, 2011 9:19 AM
> Subject: RE: [ic706] IC-706MkIIG + AH-4
>
> I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> problems before I bought a 10M stick
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>] On
> Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 2:52 PM

> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> What antenna are you using? I used the same rig /ah4 and ran a 40m
> hamstick
> for everything. Tuned fine 80-6
>
> On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...
> <mailto:jan%40cadillacfans.com>> wrote:
>
> > **
> >
> >
> > Hi,
> > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > antennas
> > for different bands. I have not run 10m mobile before, and thought
> I'd try
> > it, now when the conditions are so good. I have not had any problems
> with
> > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
> meters
> > antenna. Very high SWR, and no power out. Is there anyone WHO Can
> give me
> a
> > good advice. Buying new tuner Will not be the solution. I love my AH-4
> >
> > 73
> >
> > Jan - LA2XSA
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19223. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 15:35:39 UTC
From: Wayne Bowyer
Topic: 19214  Message: 19223

Before I bought the ah4 I used each appropriate stick per band but after the ah4 install I only used a 40m stick /ah4 for all bands with very good results. I know a tuned antenna is preferred for performance but mobile operation is a compromise anyway. Any particular reason you don't just install one stick and then you're *really* able to utilize your ah4?

On Thu, Nov 3, 2011 at 10:38 AM, Jan <jan@...> wrote:

> **
>
>
> Yes, that's correct.
> Jan
>
> -----Original Message-----
> From: ic706@...m [mailto:ic706@yahoogroups.com] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 3:34 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> So you're using the ah4 and the appropriate stik for each band?
>
> On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@cadillacfans.com> wrote:
>
> > **
> > >
> > >
> > I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> > problems before I bought a 10M stick
> > Jan
> > >
> > -----Original Message-----
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> > Wayne Bowyer
> > Sent: Thursday, November 03, 2011 2:52 PM
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MkIIG + AH-4
> > >
> > What antenna are you using? I used the same rig /ah4 and ran a 40m
> hamstick
> > for everything. Tuned fine 80-6
> > >
> > On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:
> > >

> > > **
> > >
> > >
> > > Hi,
> > > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > > antennas
> > > for different bands. I have not run 10m mobile before, and thought I'd
> > try
> > > it, now when the conditions are so good. I have not had any problems
> with
> > > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
> meters
> > > antenna. Very high SWR, and no power out. Is there anyone WHO Can give
> me
> > a
> > > good advice. Buying new tuner Will not be the solution. I love my AH-4
> > >
> > > 73
> > >
> > > Jan - LA2XSA
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19224. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 16:19:41 UTC
From: Stu Capon
Topic: 19214  Message: 19224

That got me thinking and I assume the 40M winding acts as a choke at higher frequencies so only the lower part of the antenna will be radiating, now assuming many people are using mounts low on the body it must cane the efficiency.

Does this make sense, have a nice long first part of the antenna plain stainless rod then a coil roughly similar to (but less than) your 40M and a little whip above that, at lower frequencies the whole thing is singing, go higher up the band the 40M coil cuts off the top but the antenna element is capable of handling a fair amount of current so should be a better radiator?

Easy test would be to use (while stationary) an extension (say 5Ft) put a hamstick for 30M on top then see what can and can't be tuned.

Almost wish I had a truck, oh and roads wide enough to drive it on ;-)

Stu M0AQY

On 03/11/11 15:35, Wayne Bowyer wrote:
> Before I bought the ah4 I used each appropriate stick per band but after
> the ah4 install I only used a 40m stick /ah4 for all bands with very good
> results. I know a tuned antenna is preferred for performance but mobile
> operation is a compromise anyway. Any particular reason you don't just
> install one stick and then you're *really* able to utilize your ah4?
>
> On Thu, Nov 3, 2011 at 10:38 AM, Jan<jan@...> wrote:
>
>> **
>>
>>
>> Yes, that's correct.
>> Jan
>>
>> -----Original Message-----
>> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
>> Wayne Bowyer
>> Sent: Thursday, November 03, 2011 3:34 PM
>> To: ic706@yahoogroups.com
>> Subject: Re: [ic706] IC-706MkIIG + AH-4
>>
>> So you're using the ah4 and the appropriate stik for each band?
>>
>> On Thu, Nov 3, 2011 at 10:19 AM, Jan<jan@...> wrote:
>>
>>> **

>>>
>>>
>>> I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
>>> problems before I bought a 10M stick
>>> Jan
>>>
>>> -----Original Message-----
>>> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
>>> Wayne Bowyer
>>> Sent: Thursday, November 03, 2011 2:52 PM
>>> To: ic706@yahoogroups.com
>>> Subject: Re: [ic706] IC-706MkIIG + AH-4
>>>
>>> What antenna are you using? I used the same rig /ah4 and ran a 40m
>> hamstick
>>> for everything. Tuned fine 80-6
>>>
>>> On Thu, Nov 3, 2011 at 7:01 AM, Jan<jan@...> wrote:
>>>
>>>> **
>>>>
>>>>
>>>> Hi,
>>>> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
>>>> antennas
>>>> for different bands. I have not run 10m mobile before, and thought I'd
>>> try
>>>> it, now when the conditions are so good. I have not had any problems
>> with
>>>> tuning the antennas from 80 - 20 m, but the tuner will not tune 10
>> meters
>>>> antenna. Very high SWR, and no power out. Is there anyone WHO Can give
>> me
>>> a
>>>> good advice. Buying new tuner Will not be the solution. I love my AH-4
>>>>
>>>> 73
>>>>
>>>> Jan - LA2XSA
>>>>
>>>> [Non-text portions of this message have been removed]
>>>>
>>>>
>>>>
>>> [Non-text portions of this message have been removed]
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>

>>>
>>>
>> [Non-text portions of this message have been removed]
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19225. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 20:31:57 UTC
From: Nic McLean
Topic: 19214  Message: 19225

Hi Jan,

Do you have coax or a single insulated wire between the tuner and the whip base?

Have you tried tuning up a plain stainless steel whip rather than a whip loaded for a lower frequency band?

Regards,

Nic

VK2KXN / VK5ZAT

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

# 19226. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 20:38:07 UTC
From: Nic McLean
Topic: 19214  Message: 19226

Jan,

What does the SWR look like if you bypass the tuner?

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

[Non-text portions of this message have been removed]

# 19227. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 20:41:20 UTC
From: Nic McLean
Topic: 19214  Message: 19227

Jan,

Maybe your mounting location or earthing isn't cutting it at that frequency
but is OK on the lower bands.

Regards,

Nic

VK2KXN / VK5ZAT

Larry,

No, I have not tested antennas from other manufacturers, but I have tried
the antenna on another car. He has an IC-7000, and a LDG IT-100 tuner.

No problems there.

Jan - LA2XSA

[Non-text portions of this message have been removed]

# 19228. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 21:03:54 UTC
From: Jan
Topic: 19214  Message: 19228

Mike,

Yes, that was just what I did, and the antenna worked like it should. This was the core of my question, why I could not send at 10M with tuner connected, while all the other bands worked.

73

Jan – LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Thursday, November 03, 2011 3:41 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

How about trying bypassing the tuner and see if it works.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Nov 3, 2011, at 9:38 AM, "Jan" <jan@cadillacfans.com <mailto:jan%40cadillacfans.com> > wrote:

> Yes, that's correct.
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 3:34 PM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> So you're using the ah4 and the appropriate stik for each band?
>
> On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@... <mailto:jan%40cadillacfans.com> > wrote:
>
> > **
> >
> >
> > I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any

> > problems before I bought a 10M stick
> > Jan
> >
> > -----Original Message-----
> > From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
> > Wayne Bowyer
> > Sent: Thursday, November 03, 2011 2:52 PM
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Subject: Re: [ic706] IC-706MkIIG + AH-4
> >
> > What antenna are you using? I used the same rig /ah4 and ran a 40m
> hamstick
> > for everything. Tuned fine 80-6
> >
> > On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...m <mailto:jan%40cadillacfans.com> > wrote:
> >
> > > **
> > >
> > >
> > > Hi,
> > > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > > antennas
> > > for different bands. I have not run 10m mobile before, and thought I'd
> > try
> > > it, now when the conditions are so good. I have not had any problems
> with
> > > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
> meters
> > > antenna. Very high SWR, and no power out. Is there anyone WHO Can give
> me
> > a
> > > good advice. Buying new tuner Will not be the solution. I love my AH-4
> > >
> > > 73
> > >
> > > Jan - LA2XSA
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >

> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19229. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 21:11:13 UTC
From: Jan
Topic: 19214  Message: 19229

I tried with one stick, but with a 40M stick on 80M the result was high SWR
and low output
Jan

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
Wayne Bowyer
Sent: Thursday, November 03, 2011 4:36 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MkIIG + AH-4

Before I bought the ah4 I used each appropriate stick per band but after
the ah4 install I only used a 40m stick /ah4 for all bands with very good
results. I know a tuned antenna is preferred for performance but mobile
operation is a compromise anyway. Any particular reason you don't just
install one stick and then you're *really* able to utilize your ah4?

On Thu, Nov 3, 2011 at 10:38 AM, Jan <jan@...> wrote:

> **
>
>
> Yes, that's correct.
> Jan
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Wayne Bowyer
> Sent: Thursday, November 03, 2011 3:34 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MkIIG + AH-4
>
> So you're using the ah4 and the appropriate stik for each band?
>
> On Thu, Nov 3, 2011 at 10:19 AM, Jan <jan@...> wrote:
>
> > **
> >
> >
> > I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any
> > problems before I bought a 10M stick
> > Jan
> >
> > -----Original Message-----
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> > Wayne Bowyer

> > Sent: Thursday, November 03, 2011 2:52 PM
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MkIIG + AH-4
> >
> > What antenna are you using? I used the same rig /ah4 and ran a 40m
> hamstick
> > for everything. Tuned fine 80-6
> >
> > On Thu, Nov 3, 2011 at 7:01 AM, Jan <jan@...> wrote:
> >
> > > **
> > >
> > >
> > > Hi,
> > > I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> > > antennas
> > > for different bands. I have not run 10m mobile before, and thought I'd
> > try
> > > it, now when the conditions are so good. I have not had any problems
> with
> > > tuning the antennas from 80 - 20 m, but the tuner will not tune 10
> meters
> > > antenna. Very high SWR, and no power out. Is there anyone WHO Can give
> me
> > a
> > > good advice. Buying new tuner Will not be the solution. I love my AH-4
> > >
> > > 73
> > >
> > > Jan - LA2XSA
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19230. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 21:18:24 UTC
From: Jan
Topic: 19214  Message: 19230

Nick,

If bypass the tuner I have close to 1:1. With the tuner 1: infinite

73

Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Nic McLean
Sent: Thursday, November 03, 2011 9:38 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Jan,

What does the SWR look like if you bypass the tuner?

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19231. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 21:18:24 UTC
From: Jan
Topic: 19214  Message: 19231

Hi Nick,

I have coax between the tuner and the whip

Regards

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Nic McLean
Sent: Thursday, November 03, 2011 9:32 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Jan,

Do you have coax or a single insulated wire between the tuner and the whip base?

Have you tried tuning up a plain stainless steel whip rather than a whip loaded for a lower frequency band?

Regards,

Nic

VK2KXN / VK5ZAT

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19232. RE: [ic706] IC-706MkIIG + AH-4, Final

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-03 21:23:23 UTC
From: Jan
Topic: 19214  Message: 19232

Hi gang,

Thanks to all for input regarding my question. I will now test a few of the solution suggestions. I will keep you informed.

I will be away for a couple of weeks with no internet access, so I will not be able to read mail for that period.

Thank you for all help

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

# 19233. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 03:17:13 UTC
From: Nic McLean
Topic: 19214  Message: 19233

Jan,

I suspect something is wrong with the tuner, possibly an O/C relay contact in the path for little intervention.

Regards,

Nic

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jan
Sent: Friday, 4 November 2011 8:18 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Nick,

If bypass the tuner I have close to 1:1. With the tuner 1: infinite

73

Jan

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Nic
McLean
Sent: Thursday, November 03, 2011 9:38 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] IC-706MkIIG + AH-4

Jan,

What does the SWR look like if you bypass the tuner?

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19234. RE: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 03:19:51 UTC
From: Nic McLean
Topic: 19214  Message: 19234

That's not so good when you are trying to tune things that are a long way from 50 Ohms (such as tuning a 40 mt hamstick on 80 meters or 100 inches of SS whip on 10 mt) in these instances an insulated wire works best.

Just my $0.02 worth.

Nic

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jan
Sent: Friday, 4 November 2011 8:18 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Nick,

I have coax between the tuner and the whip

Regards

Jan - LA2XSA

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Nic
McLean
Sent: Thursday, November 03, 2011 9:32 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Jan,

Do you have coax or a single insulated wire between the tuner and the whip base?

Have you tried tuning up a plain stainless steel whip rather than a whip loaded for a lower frequency band?

Regards,

Nic

VK2KXN / VK5ZAT

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a

good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19235. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 15:17:37 UTC
From: Larry J. Ford
Topic: 19214  Message: 19235

Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. That is mentioned in the "manual" for the AH-4, and there's an Excel program on the Yahoo Group page for the ICOM tuners group which helps calculate "good" and "bad" lengths.

If you're trying to use a 10 meter antenna on 10 meters, it may just have fallen into the "bad" zone by coincidence. Try adding some wire to the top of the whip with an alligator clip stretched-out like an inverted "L" and see if it tunes then.

Just a thought.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Jan
To: ic706@yahoogroups.com
Sent: Thursday, November 03, 2011 4:18 PM
Subject: RE: [ic706] IC-706MkIIG + AH-4

Nick,

If bypass the tuner I have close to 1:1. With the tuner 1: infinite

73

Jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Nic McLean
Sent: Thursday, November 03, 2011 9:38 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Jan,

What does the SWR look like if you bypass the tuner?

I'm only using Watsons. 80, 60, 40, and 20M sticks. I didn't have any problems before I bought a 10M stick
Jan

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19236. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 15:18:04 UTC
From: Larry J. Ford
Topic: 19214  Message: 19236

There's part of your problem.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jan
To: ic706@yahoogroups.com
Sent: Thursday, November 03, 2011 4:18 PM
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Nick,

I have coax between the tuner and the whip

Regards

Jan - LA2XSA

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Nic McLean
Sent: Thursday, November 03, 2011 9:32 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Jan,

Do you have coax or a single insulated wire between the tuner and the whip base?

Have you tried tuning up a plain stainless steel whip rather than a whip loaded for a lower frequency band?

Regards,

Nic

VK2KXN / VK5ZAT

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19237. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 15:18:51 UTC
From: Larry J. Ford
Topic: 19214  Message: 19237

The coax will add some capacitance as well.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Nic McLean
To: ic706@yahoogroups.com
Sent: Thursday, November 03, 2011 10:19 PM
Subject: RE: [ic706] IC-706MkIIG + AH-4

That's not so good when you are trying to tune things that are a long way from 50 Ohms (such as tuning a 40 mt hamstick on 80 meters or 100 inches of SS whip on 10 mt) in these instances an insulated wire works best.

Just my $0.02 worth.

Nic

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Jan
Sent: Friday, 4 November 2011 8:18 AM
To: ic706@yahoogroups.com
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Nick,

I have coax between the tuner and the whip

Regards

Jan - LA2XSA

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of Nic
McLean
Sent: Thursday, November 03, 2011 9:32 PM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: RE: [ic706] IC-706MkIIG + AH-4

Hi Jan,

Do you have coax or a single insulated wire between the tuner and the whip base?

Have you tried tuning up a plain stainless steel whip rather than a whip loaded for a lower frequency band?

Regards,

Nic

VK2KXN / VK5ZAT

Hi,
I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band antennas for different bands. I have not run 10m mobile before, and thought I'd try it, now when the conditions are so good. I have not had any problems with tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a good advice. Buying new tuner Will not be the solution. I love my AH-4

73

Jan - LA2XSA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19238. Re: [ic706] IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-04 14:26:15 UTC
From: Wayne Bowyer
Topic: 19214  Message: 19238

Methinks Larry has found your culprit!

On Fri, Nov 4, 2011 at 11:18 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> There's part of your problem.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Jan
> To: ic706@yahoogroups.com
> Sent: Thursday, November 03, 2011 4:18 PM
> Subject: RE: [ic706] IC-706MkIIG + AH-4
>
> Hi Nick,
>
> I have coax between the tuner and the whip
>
> Regards
>
> Jan - LA2XSA
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Nic
> McLean
> Sent: Thursday, November 03, 2011 9:32 PM
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] IC-706MkIIG + AH-4
>
> Hi Jan,
>
> Do you have coax or a single insulated wire between the tuner and the whip
> base?
>
> Have you tried tuning up a plain stainless steel whip rather than a whip
> loaded for a lower frequency band?
>
> Regards,
>
> Nic
>
> VK2KXN / VK5ZAT

>
> Hi,
> I have an ic-706MkIIG with an AH-4 tuner in my car. I use mono band
> antennas
> for different bands. I have not run 10m mobile before, and thought I'd try
> it, now when the conditions are so good. I have not had any problems with
> tuning the antennas from 80 - 20 m, but the tuner will not tune 10 meters
> antenna. Very high SWR, and no power out. Is there anyone WHO Can give me a
> good advice. Buying new tuner Will not be the solution. I love my AH-4
>
> 73
>
> Jan - LA2XSA
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19239. icom 706Mk 2 tx problem-blown resistor in P.A.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-09 14:25:10 UTC
From: jerry
Topic: 19239  Message: 19239

My friend keeps blowing R591, a 4.7 ohm resistor on the PA Board !!Can someone please look at the circuit and identify what this resistor/circuit does??

I've tried with an internet schematic, no success.
Perhaps Bias ??

Jerry VE3EXT

# 19240. Re: [ic706] icom 706Mk 2 tx problem-blown resistor in P.A.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-09 14:27:33 UTC
From: Jack
Topic: 19239  Message: 19240

Jerry it sound like the bias but can you see the number on the board?

-----Original Message-----
From: jerry
Sent: Wednesday, November 09, 2011 9:25 AM
To: ic706@yahoogroups.com
Subject: [ic706] icom 706Mk 2 tx problem-blown resistor in P.A.

My friend keeps blowing R591, a 4.7 ohm resistor on the PA Board !!Can someone please look at the circuit and identify what this resistor/circuit does??

I've tried with an internet schematic, no success.
Perhaps Bias ??

Jerry VE3EXT

---

Yahoo! Groups Links

# 19241. Re: icom 706Mk 2 tx problem-blown resistor in P.A.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-09 16:46:29 UTC
From: powerguy480
Topic: 19239  Message: 19241

R591 is a current limiting resistor in the power supply section. It limits the power going to another board, that has the main microprocessor. If it goes open the radio won't turn on.

Here is a link describing the problem and a possable "fix".

My 706MKIIG started not powering up, and this was the problem. It's not an easy fix, the parts are about the size of large grains of salt. If you have not done "surface mount" work before, I would suggest you let a pro with the right tools fix it. (Not an endorsement of the sponser of the link).

I like to have went blind fixing mine :)

Here is the link and good luck!

http://www.n1eq.com/tech/page_03.html

73 DE NQ1Q

Charlie Neff

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> Jerry it sound like the bias but can you see the number on the board?
>
>
>
>
> -----Original Message-----
> From: jerry
> Sent: Wednesday, November 09, 2011 9:25 AM
> To: ic706@yahoogroups.com
> Subject: [ic706] icom 706Mk 2 tx problem-blown resistor in P.A.
>
> My friend keeps blowing R591, a 4.7 ohm resistor on the PA Board !!Can
> someone please look at the circuit and identify what this resistor/circuit
> does??
>
> I've tried with an internet schematic, no success.
> Perhaps Bias ??
>
> Jerry VE3EXT
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>

# 19242. Problem 706MKII is always tx on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 15:11:33 UTC
From: f4flq
Topic: 19242  Message: 19242

Hi All

After testing rtty interface my 706 is always tx on.

Have you a idea for repare ?

Tnx for info

Manu F4FLQ

# 19243. Re: IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 14:06:04 UTC
From: Butch
Topic: 19214  Message: 19243

Actually, there is no reason that the AH-4 won't tune a half wave antenna since it is a Lmatch circuit other than the fact that a halfwave antenna is a voltage fed antenna and the breakdown voltage of the components might be compromised if it does. So Icom probably has the software set so it won't tune a half wave due to that fact. But in reality, and Lmatch circuit will tune a half wave very efficiently !

Butch

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. >
> Larry J. Ford
> KG4GPJ

# 19244. Re: [ic706] Re: IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 16:16:20 UTC
From: Larry J. Ford
Topic: 19214  Message: 19244

See page 4 of ICOM AH-4 "manual" (such as it is):

"CALCULATION OF UNDESIRABLE ANTENNA LENGTHS"

(for formula, which won't reproduce here).

AND

Under "Specifications"

". VSWR : 2.0 : 1 or less
(except antennas a half wave or multiple of a half wave in length)"

So, who to believe?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Butch
To: ic706@yahoogroups.com
Sent: Thursday, November 10, 2011 9:06 AM
Subject: [ic706] Re: IC-706MkIIG + AH-4

Actually, there is no reason that the AH-4 won't tune a half wave antenna since it is a Lmatch circuit other than the fact that a halfwave antenna is a voltage fed antenna and the breakdown voltage of the components might be compromised if it does. So Icom probably has the software set so it won't tune a half wave due to that fact. But in reality, and Lmatch circuit will tune a half wave very efficiently !

Butch

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. >
> Larry J. Ford
> KG4GPJ

[Non-text portions of this message have been removed]

# 19245. AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 17:01:39 UTC
From: Enrique E.Poinsot
Topic: 62  Message: 19245

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Thursday, November 10, 2011 1:16 PM
Subject: Re: [ic706] Re: IC-706MkIIG + AH-4

See page 4 of ICOM AH-4 "manual" (such as it is):

"CALCULATION OF UNDESIRABLE ANTENNA LENGTHS"

(for formula, which won't reproduce here).

AND

Under "Specifications"

". VSWR : 2.0 : 1 or less
(except antennas a half wave or multiple of a half wave in length)"

So, who to believe?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Butch
To: ic706@yahoogroups.com
Sent: Thursday, November 10, 2011 9:06 AM
Subject: [ic706] Re: IC-706MkIIG + AH-4

Actually, there is no reason that the AH-4 won't tune a half wave antenna since it is a Lmatch circuit other than the fact that a halfwave antenna is a voltage fed antenna and the breakdown voltage of the components might be compromised if it does. So Icom probably has the software set so it won't tune a half wave due to that fact. But in reality, and Lmatch circuit will tune a half wave very efficiently !

Butch

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. >
> Larry J. Ford
> KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19246. Re: [ic706] Problem 706MKII is always tx on

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 18:22:06 UTC
From: David Westbrook
Topic: 19242  Message: 19246

Is TX still on if you disconnect RTTY interface? Maybe rtty interface has shorted PTT.

(on a related note, I found the hard way that a shorted FSK pin means all tone and no diddle....)

--david
KJ4IZW

On Thu, Nov 10, 2011 at 10:11 AM, f4flq <f4flq@...> wrote:

> **
>
>
> Hi All
>
> After testing rtty interface my 706 is always tx on.
>
> Have you a idea for repare ?
>
> Tnx for info
>
> Manu F4FLQ
>
>
>

[Non-text portions of this message have been removed]

# 19247. Re: AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 18:32:51 UTC
From: Butch
Topic: 62  Message: 19247

Just a quick note, the antenna will only be a quarter wave at one frequency - thats why we use a tuner.

Butch

> I do think that these units are made to operate in to an antenna that
> is a 1/4 wavelength.
>

# 19248. Re: IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-10 18:21:37 UTC
From: Butch
Topic: 19214  Message: 19248

I know what you are saying Larry, but what I mean is that an Lmatch circuit is fully capable of matching the half wave wire, Icom has just got it programmed not to so tuner components (inductor and capacitors) do not arch over and get damaged due to the high voltages present on the half wave antennae. But in actuallity, my AH-4 tunes a half wave just fine. I have an Eagle One vertical which is a quarter wave on 40 meters and a halfwave on 20 and the AH-4 tunes it just fine on 20 - I just reduce the power when using it on 20 meters to protect it from arching. In fact, the AH-4 will tune the Eagle One 10 thru 80 meters just fine.

Butch

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> See page 4 of ICOM AH-4 "manual" (such as it is):
>
> "CALCULATION OF UNDESIRABLE ANTENNA LENGTHS"
>
> (for formula, which won't reproduce here).
>
> AND
>
> Under "Specifications"
>
> ". VSWR : 2.0 : 1 or less
> (except antennas a half wave or multiple of a half wave in length)"
>
> So, who to believe?
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ----- Original Message -----
> From: Butch
> To: ic706@yahoogroups.com
> Sent: Thursday, November 10, 2011 9:06 AM
> Subject: [ic706] Re: IC-706MkIIG + AH-4
>
>
>
> Actually, there is no reason that the AH-4 won't tune a half wave antenna since it is a Lmatch circuit other than the fact that a halfwave antenna is a voltage fed antenna and the breakdown voltage of the components might be compromised if it does. So Icom probably has the software set so it won't tune a half wave due to that fact. But in reality, and Lmatch

circuit will tune a half wave very efficiently !
>
> Butch
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. >
> > Larry J. Ford
> > KG4GPJ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19249. FS: KJ7U Shorty screwdriver antenna

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-12 06:54:23 UTC
From: vr2xmc
Topic: 19249  Message: 19249

Hello Group,

KJ7U Shorty is a screwdriver antenna. RATED 600 WATTS PEP. Length when retracted 21", when extended 28¡¨. For product details, please visit http://www.kj7u.com/page5.html

I bought it new some years ago but never have a chance to use it. Therefore, it is basically unused except brief test of the functionality of the motor. It comes with all the wiring, control box, a stainless steel whip holder and hard wares from Larry Ant (new price US$487+shipping). My price of antenna + stainless whip holder INCLUDING shipping to major cities in US (quite heavy) is US$359.

Payment by direct deposit to my US bank account or PayPal. Photo available upon request. Please reply off-the-list.

73

Johnny VR2XMC

# 19250. Re: [ic706] Re: IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-12 13:42:10 UTC
From: LARRY J. FORD
Topic: 19214  Message: 19250

I understand exactly WHY ICOM has published the specification.

Regarding your antenna, have you tuned it on each and every frequency in the 20 meter band? It will be a half-wave on 20 on only one frequency, and not a half-wave on others. In fact, unless it's a stand-alone wire that you can measure exactly, not connected to any other elements that affect length, you don't know the exact length electrically of the antenna. Your Eagle One is not a half-wave through-out the entire 20 meter band.

If your installation works for you, great, but doesn't necessarily prove that the AH-4 will match every half-wave antenna.

Larry
KG4GPJ

------ Original Message ------
Received: Fri, 11 Nov 2011 11:06:12 AM EST
From: "Butch" <rmckee1957@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC-706MkIIG + AH-4

> I know what you are saying Larry, but what I mean is that an Lmatch circuit is fully capable of matching the half wave wire, Icom has just got it programmed not to so tuner components (inductor and capacitors) do not arch over and get damaged due to the high voltages present on the half wave antennae. But in actuallity, my AH-4 tunes a half wave just fine. I have an Eagle One vertical which is a quarter wave on 40 meters and a halfwave on 20 and the AH-4 tunes it just fine on 20 - I just reduce the power when using it on 20 meters to protect it from arching. In fact, the AH-4 will tune the Eagle One 10 thru 80 meters just fine.
>
> Butch
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
> >
> > See page 4 of ICOM AH-4 "manual" (such as it is):
> >
> > "CALCULATION OF UNDESIRABLE ANTENNA LENGTHS"
> >
> > (for formula, which won't reproduce here).
> >
> > AND
> >
> > Under "Specifications"
> >
> > ". VSWR : 2.0 : 1 or less

> > (except antennas a half wave or multiple of a half wave in length)"
> >
> > So, who to believe?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ----- Original Message -----
> > From: Butch
> > To: ic706@yahoogroups.com
> > Sent: Thursday, November 10, 2011 9:06 AM
> > Subject: [ic706] Re: IC-706MkIIG + AH-4
> >
> >
> >
> > Actually, there is no reason that the AH-4 won't tune a half wave antenna since it is a Lmatch circuit other than the fact that a halfwave antenna is a voltage fed antenna and the breakdown voltage of the components might be compromised if it does. So Icom probably has the software set so it won't tune a half wave due to that fact. But in reality, and Lmatch circuit will tune a half wave very efficiently !
> >
> > Butch
> >
> > --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> > >
> > > Remember, the AH-4 is designed to match random wire antennas and "doesn't like" (Technical Engineering term!) antenna lengths are a half-wave or multiple thereof (e.g., full-wave) for any frequency and won't tune it. >
> > > Larry J. Ford
> > > KG4GPJ
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

# 19251. Re: IC-706MkIIG + AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-12 14:22:17 UTC
From: Butch
Topic: 19214  Message: 19251

In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>

> Regarding your antenna, have you tuned it on each and every frequency in the
> 20 meter band? It will be a half-wave on 20 on only one frequency, and not a
> half-wave on others. [snip]

Yes, I have tuned it on all the 20 meter band - the AH-4 has no problem tuning it anywhere in the band. The Eagle One is self resonant at 7 mhz ie: <1.5:1 on the entire 40 meter band without a tuner. but near 1:1 at 7.0 mhz, so it is aproximately a half wave at 14.0 mhz.

Butch

# 19252. strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 16:15:23 UTC
From: nika01.rm
Topic: 19252  Message: 19252

Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.

I think I need a priest. Any ideas?

Phil AB8EO

# 19253. Re: [ic706] strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 16:40:53 UTC
From: Ralph Mowery
Topic: 19252  Message: 19253

If it will not fail on the bench, check the wiring to the power source.  The 706 rigs have been known to act funny with low voltage.  Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.

Are you using a remote cable in the car to seperate the head and the rig ?  It may be a bad cable or coroded connectors.

--- On Sun, 11/20/11, nika01.rm <nika01@...> wrote:

From: nika01.rm <nika01@...>
Subject: [ic706] strange 706 m2g behavoir
To: ic706@yahoogroups.com
Date: Sunday, November 20, 2011, 11:15 AM

Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.

I think I need a priest. Any ideas?

Phil AB8EO

[Non-text portions of this message have been removed]

# 19254. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 16:49:52 UTC
From: nika01.rm
Topic: 19252  Message: 19254

I will check the voltage at the rig in the car, thats a good idea. I do have a separation cable, but have that out of the van on the bench. Cant make it fail but yoinking on it.

Thanks,

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> If it will not fail on the bench, check the wiring to the power source.  The 706 rigs have been known to act funny with low voltage.  Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
>
> Are you using a remote cable in the car to seperate the head and the rig ?  It may be a bad cable or coroded connectors.
>
>
> --- On Sun, 11/20/11, nika01.rm <nika01@...> wrote:
>
>
> From: nika01.rm <nika01@...>
> Subject: [ic706] strange 706 m2g behavoir
> To: ic706@yahoogroups.com
> Date: Sunday, November 20, 2011, 11:15 AM
>
>
> Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
>
> I think I need a priest. Any ideas?
>
> Phil AB8EO
>
>
> [Non-text portions of this message have been removed]
>

# 19255. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 16:57:41 UTC
From: nika01.rm
Topic: 19252  Message: 19255

I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> If it will not fail on the bench, check the wiring to the power source.  The 706 rigs have been known to act funny with low voltage.  Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
>
> Are you using a remote cable in the car to seperate the head and the rig ?  It may be a bad cable or coroded connectors.
>
>
> --- On Sun, 11/20/11, nika01.rm <nika01@...> wrote:
>
>
> From: nika01.rm <nika01@...>
> Subject: [ic706] strange 706 m2g behavoir
> To: ic706@yahoogroups.com
> Date: Sunday, November 20, 2011, 11:15 AM
>
>
> Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
>
> I think I need a priest. Any ideas?
>
> Phil AB8EO
>
>
> [Non-text portions of this message have been removed]
>

# 19256. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 17:59:23 UTC
From: JOHNQRZ@AOL.COM
Topic: 19252  Message: 19256

I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.

-----Original Message-----
From: nika01.rm <nika01@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Sun, Nov 20, 2011 8:57 am
Subject: [ic706] Re: strange 706 m2g behavoir

I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
>
> Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
>
>
> --- On Sun, 11/20/11, nika01.rm <nika01@...> wrote:
>
>
> From: nika01.rm <nika01@...>
> Subject: [ic706] strange 706 m2g behavoir
> To: ic706@yahoogroups.com
> Date: Sunday, November 20, 2011, 11:15 AM
>
>
> Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
>
> I think I need a priest. Any ideas?
>
> Phil AB8EO
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19257. Re: [ic706] strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 18:05:24 UTC
From: Larry J. Ford
Topic: 19252  Message: 19257

I can verify that an ICOM IC-706 MKII will "act funny" when transmitting with low voltage.

Last Friday afternoon, I was putting finishing touches on a new portable HF NVIS antenna [1] to deploy Saturday in support of the Duncan Ridge Trail 50K trail run through the Chattahoochee National Forest in North Georgia.

I had another ARES EC in a neighboring county about 35 miles away standing-by to check the NVIS transmission (there's a 5000 foot mountain ridge, one of several, between the two of us, so there wouldn't be any ground wave at work).

To quickly power-up the 706 out in the back yard, I grabbed a 35-amp/hour GIL sealed aviation battery that my brother had given me that I keep on a trickle charger just for the heck of it. He gave me the battery because it wouldn't hold a charge to his satisfaction (possible dead cell). I grabbed it because it was closest to where I had set-up

When I fired-up the 706, and started transmitting to my friend, he immediately came back with a report that my audio was very distorted. I could hear him just fine. After several more attempts, and after checking all other possibilities, on a hunch, I disconnected the GIL battery, and got my deep-cycle 85 amp/hour marine battery that I normally use in the field and which I also keep charged. I connected the marine battery, transmitted again, and voila` now the other station is reporting a solid signal and "arm chair copy" on the audio.

I put a VOM on the aviation battery, and it was reading around 11.8 VDC as I recall, after only 15 minutes off the trickle charger.

The 706 MKII definitely does not like a power source under 12 VDC, and a distorted signal will likely result.

Larry J. Ford
KG4GPJ

[1] Incorporating an ICOM AH-4 autotuner, in a portable, "one-man" deploy arrangement, but I'll save those details for the ICOM Tuner and the NVIS listserves.

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Sunday, November 20, 2011 11:40 AM
Subject: Re: [ic706] strange 706 m2g behavoir

If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.

Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.

--- On Sun, 11/20/11, nika01.rm <nika01@...> wrote:

From: nika01.rm <nika01@...>
Subject: [ic706] strange 706 m2g behavoir
To: ic706@yahoogroups.com
Date: Sunday, November 20, 2011, 11:15 AM

Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.

I think I need a priest. Any ideas?

Phil AB8EO

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19258. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 20:03:59 UTC
From: nika01.rm
Topic: 19252  Message: 19258

Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's

--- In ic706@yahoogroups.com, JOHNQRZ@... wrote:
>
> I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
>
>
>
>
>
>
> -----Original Message-----
> From: nika01.rm <nika01@...>
> To: ic706 <ic706@yahoogroups.com>
> Sent: Sun, Nov 20, 2011 8:57 am
> Subject: [ic706] Re: strange 706 m2g behavoir
>
>
>
>
>
>
> I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
>
> --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> >
> > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> >
> > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> >
> >
> > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> >
> >

> > From: nika01.rm <nika01@>
> > Subject: [ic706] strange 706 m2g behavoir
> > To: ic706@yahoogroups.com
> > Date: Sunday, November 20, 2011, 11:15 AM
> >
> >
> > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> >
> > I think I need a priest. Any ideas?
> >
> > Phil AB8EO
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19259. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 20:15:54 UTC
From: John Geiger
Topic: 19252  Message: 19259

A new FT857D??

73s John AA5JG

----- Original Message -----
From: nika01.rm
To: ic706@yahoogroups.com
Sent: Sunday, November 20, 2011 8:03 PM
Subject: [ic706] Re: strange 706 m2g behavoir

Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's

--- In ic706@yahoogroups.com, JOHNQRZ@... wrote:
>
> I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> > > > > > > > > -----Original Message-----
> From: nika01.rm <nika01@...>
> To: ic706 <ic706@yahoogroups.com>
> Sent: Sun, Nov 20, 2011 8:57 am
> Subject: [ic706] Re: strange 706 m2g behavoir
> > > > > > > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
>
> --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> >
> > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage

at the rig. Especially under load as when transmitting.
> >
> > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> >
> >
> > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> >
> >
> > From: nika01.rm <nika01@>
> > Subject: [ic706] strange 706 m2g behavoir
> > To: ic706@yahoogroups.com
> > Date: Sunday, November 20, 2011, 11:15 AM
> >
> >
> > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> >
> > I think I need a priest. Any ideas?
> >
> > Phil AB8EO
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19260. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 20:16:23 UTC
From: Wayne Bowyer
Topic: 19252  Message: 19260

Try Mike N1EQ http://www.n1eq.com/main/page_home.html

He repaired my 706 and seems really sharp, reasonable and *honest.*

On Sun, Nov 20, 2011 at 3:03 PM, nika01.rm <nika01@...> wrote:

> **
>
>
> Looks like I need a new radio. This was very helpful, I can show this to
> my wife and it will make a new purchase easier. Problem is, the IC7000
> looks like an unreliable radio and there arent any more 706's
>
> --- In ic706@yahoogroups.com, JOHNQRZ@... wrote:
> >
> > I had the exact same problem with mine. After awhile it would fail on
> and off in the house in the car and on the boat. I sent it in to Scott at
> MTS and he has had it back 3 times for the same problem ! He has now had
> the radio for a year and a half and still no joy. He seems to think it is
> in the PLL but because it is intermittent it is very hard to trouble shoot.
> All I can say is good luck. If Scott runs it down I will post the findings
> here.
> >
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: nika01.rm <nika01@...>
> > To: ic706 <ic706@yahoogroups.com>
> > Sent: Sun, Nov 20, 2011 8:57 am
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> >
> >
> >
> > I get about 12.2 volts at the connector with van off (looks like I need
> a new battery), but with the alternator running, it is 14.5 volts. I
> wouldnt think that is a problem, but maybe it is a problem with the
> internal voltage regulator in the rig.
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power

> source. The 706 rigs have been known to act funny with low voltage. Make
> sure you are getting the full voltage at the rig. Especially under load as
> when transmitting.
> > >
> > > Are you using a remote cable in the car to seperate the head and the
> rig ? It may be a bad cable or coroded connectors.
> > >
> > >
> > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > >
> > >
> > > From: nika01.rm <nika01@>
> > > Subject: [ic706] strange 706 m2g behavoir
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, November 20, 2011, 11:15 AM
> > >
> > >
> > > Had my 706 mobile for 10 years, no problems. Now the rig has gone
> intermittent. Receiver will sound strange and rig wont transmit. I have
> checked for loose wires. Sometimes it will heal itself only to go
> intermittent again. To make this more bizarre, I cannot get the rig to fail
> on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps
> on ticking. Have taken it apart and manhandled the circuit boards with it
> on (carefully). Cannot get it to fail at all.
> > >
> > > I think I need a priest. Any ideas?
> > >
> > > Phil AB8EO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 19261. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 20:33:12 UTC
From: nika01.rm
Topic: 19252  Message: 19261

had one of those. Sold it. Couldnt deal with its size or menus. I am thinking Kenwood. They seem to get the best reviews for mobile hF.

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> A new FT857D??
>
> 73s John AA5JG
>
> ----- Original Message -----
> From: nika01.rm
> To: ic706@yahoogroups.com
> Sent: Sunday, November 20, 2011 8:03 PM
> Subject: [ic706] Re: strange 706 m2g behavoir
>
>
>
> Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's
>
> --- In ic706@yahoogroups.com, JOHNQRZ@ wrote:
> >
> > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> >
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: nika01.rm <nika01@>
> > To: ic706 <ic706@yahoogroups.com>
> > Sent: Sun, Nov 20, 2011 8:57 am
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> >
> >

> > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> >
> > --- In ic706@...m, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > >
> > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > >
> > >
> > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > >
> > >
> > > From: nika01.rm <nika01@>
> > > Subject: [ic706] strange 706 m2g behavoir
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, November 20, 2011, 11:15 AM
> > >
> > >
> > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > >
> > > I think I need a priest. Any ideas?
> > >
> > > Phil AB8EO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

# 19262. Re: [ic706] Re: Kenwood TS-480XXX mobile (was: strange 706 m2g behavoir)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 21:08:46 UTC
From: Larry J. Ford
Topic: 19262  Message: 19262

The only "mobile" HF rig that Kenwood makes currently that I'm aware of the TS-480SAT or TS-480HX (200 watts).

One of my Elmers bought a new TS-480SAT earlier this year, didn't like it at all, and recently sold it. (In the past, he has owned and operated IC-706s, IC-7000s, and TS-50s in mobile installations.)

Granted, that's a sample of only one, but that rig may not be all it's cracked-up to be; I'd see if I could find one to demonstrate, play with, etc., before taking the plunge.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: nika01.rm
To: ic706@yahoogroups.com
Sent: Sunday, November 20, 2011 3:33 PM
Subject: [ic706] Re: strange 706 m2g behavoir

had one of those. Sold it. Couldnt deal with its size or menus. I am thinking Kenwood. They seem to get the best reviews for mobile hF.

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> A new FT857D??
>
> 73s John AA5JG
>
> ----- Original Message -----
> From: nika01.rm
> To: ic706@yahoogroups.com
> Sent: Sunday, November 20, 2011 8:03 PM
> Subject: [ic706] Re: strange 706 m2g behavoir
>
>
>
> Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's
>
> --- In ic706@yahoogroups.com, JOHNQRZ@ wrote:
> >
> > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no

joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> >
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: nika01.rm <nika01@>
> > To: ic706 <ic706@yahoogroups.com>
> > Sent: Sun, Nov 20, 2011 8:57 am
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> >
> >
> > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > >
> > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > >
> > >
> > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > >
> > >
> > > From: nika01.rm <nika01@>
> > > Subject: [ic706] strange 706 m2g behavoir
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, November 20, 2011, 11:15 AM
> > >
> > >
> > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > >
> > > I think I need a priest. Any ideas?
> > >

> > > Phil AB8EO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19263. Re: Kenwood TS-480XXX mobile (was: strange 706 m2g behavoir)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 21:42:35 UTC
From: nika01.rm
Topic: 19262  Message: 19263

Thanks Larry. I appreciate the info. I have one friend that has the Kenwood and he likes it. He is weird though, and your friend may be right. Its hard to replace the 706, its like losing an old friend. I have a van and have half a mind to strap my 746 between the seats. I see yaesu has a new smaller radio that has a mobile bracket, the FT450. I had an 857 and wanted to throw it out the window is was so hard to use.

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> The only "mobile" HF rig that Kenwood makes currently that I'm aware of the TS-480SAT or TS-480HX (200 watts).
>
> One of my Elmers bought a new TS-480SAT earlier this year, didn't like it at all, and recently sold it. (In the past, he has owned and operated IC-706s, IC-7000s, and TS-50s in mobile installations.)
>
> Granted, that's a sample of only one, but that rig may not be all it's cracked-up to be; I'd see if I could find one to demonstrate, play with, etc., before taking the plunge.
>
> Larry J. Ford
> KG4GPJ
>
>
> ----- Original Message -----
> From: nika01.rm
> To: ic706@yahoogroups.com
> Sent: Sunday, November 20, 2011 3:33 PM
> Subject: [ic706] Re: strange 706 m2g behavoir
>
>
>
> had one of those. Sold it. Couldnt deal with its size or menus. I am thinking Kenwood. They seem to get the best reviews for mobile hF.
>
> --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> >
> > A new FT857D??
> >
> > 73s John AA5JG
> >
> > ----- Original Message -----
> > From: nika01.rm
> > To: ic706@yahoogroups.com
> > Sent: Sunday, November 20, 2011 8:03 PM
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >

> >
> >
> > Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's
> >
> > --- In ic706@yahoogroups.com, JOHNQRZ@ wrote:
> > >
> > > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> > >
> > >
> > >
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: nika01.rm <nika01@>
> > > To: ic706 <ic706@yahoogroups.com>
> > > Sent: Sun, Nov 20, 2011 8:57 am
> > > Subject: [ic706] Re: strange 706 m2g behavoir
> > >
> > >
> > >
> > >
> > >
> > > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> > >
> > > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > > >
> > > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > > >
> > > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > > >
> > > >
> > > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > > >
> > > >
> > > > From: nika01.rm <nika01@>
> > > > Subject: [ic706] strange 706 m2g behavoir
> > > > To: ic706@yahoogroups.com

> > > > Date: Sunday, November 20, 2011, 11:15 AM
> > > >
> > > >
> > > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > > >
> > > > I think I need a priest. Any ideas?
> > > >
> > > > Phil AB8EO
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19264. Icom IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-20 23:54:16 UTC
From: aa0rb
Topic: 19264  Message: 19264

I have one on ebay for sale for those that are interested. AA0RB

# 19265. Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 15:31:08 UTC
From: n4eyz
Topic: 19265  Message: 19265

I see several of these cables listed on Ebay for pretty low prices. Do they work ok? Any recommendations?

Never tried controlling my 706G w/computer--is it worthwhile?

# 19266. RE: [ic706] Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 16:26:44 UTC
From: barry whittemore
Topic: 19265  Message: 19266

I have a homebrew one so i cant comment on the ones sold on ebay, but it is very worthwhile having the radio tied in witht the computer. If you do computer logging the mode and freq are automaticly in the log correctly. This makes the log correct and that is a good thing especially for the LOTW user.
I only use my 706 occasionally for portable ops but it is still a good feature.
Barry
NF1O

To: ic706@yahoogroups.com
From: wayne.bowyer@gmail.com
Date: Wed, 23 Nov 2011 15:31:08 +0000
Subject: [ic706] Icom CI-V USB interface cables

I see several of these cables listed on Ebay for pretty low prices. Do they work ok? Any recommendations?

Never tried controlling my 706G w/computer--is it worthwhile?

[Non-text portions of this message have been removed]

# 19267. Re: [ic706] Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 15:34:52 UTC
From: Eric Mynes
Topic: 19265  Message: 19267

I use a KawaMall (or something like that) usb device that I got of from eBay to control my 706MKII with HRD. It works like a charm for me. YMMV. I use the same device with my 703+ using HRD again. Again, it works like a charm. The only issue I have (and it's with me anyway) is that I plug the phono plug in the wrong hole on my 706MKII. I keep telling myself I just need to buy another one for the 703+. Then again, I should try it with my 735 to see if it works there too. Then I'll need to buy 2 more just to make life easy.

73,
Eric
k8ohz

On Wed, Nov 23, 2011 at 10:31 AM, n4eyz <wayne.bowyer@...> wrote:

> **
>
>
> I see several of these cables listed on Ebay for pretty low prices. Do
> they work ok? Any recommendations?
>
> Never tried controlling my 706G w/computer--is it worthwhile?
>
>
>

--
A wise man once said nothing.

[Non-text portions of this message have been removed]

# 19268. Re: [ic706] Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 16:38:13 UTC
From: Dave Wright
Topic: 19265  Message: 19268

I have the 706Mk2

I bought one of the 3 dollar cables from Hong Kong. It's the Prolific chipset, but it doesnt like HRD, so I use it with fldrig. But then again, the radio is at arms reach so I manually change it. It's nice to set up the memories using the USB, but actually controlling, since its so close its easier to do it by hand. Plus, the laptop is the family one, so plugging and unplugging will take its toll. If I had a dedicated PC that would be different.

Just my 2 cents worth

Dave Wright KB9MNM

[Non-text portions of this message have been removed]

# 19269. Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 17:28:05 UTC
From: Don
Topic: 19265  Message: 19269

I bought mine from e2wholesale in China,,,,got the little CD with the USB drivers...loaded it and it worked fine on HRD and my 706MKIIG and a Dell D620. All those cables MUST be from the same manufacturer...I built a serial interface before that and its works good too..

don KC1AT
--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
> I see several of these cables listed on Ebay for pretty low prices. Do they work ok? Any recommendations?
>
> Never tried controlling my 706G w/computer--is it worthwhile?
>

# 19270. Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 22:18:17 UTC
From: Wayne Bowyer
Topic: 19265  Message: 19270

I appreciate all the responses. I wasn't sure if the $10 and under cables were worth buying. I ordered one so I'll give it a try. I'm not a heavy operator but thought I'd see what it's like. I have an older Dell desktop that I thought I'd dedicate to radio stuff, psk and so on. Besides I love toys!

[Non-text portions of this message have been removed]

# 19271. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 23:19:16 UTC
From: EdwinB
Topic: 19252  Message: 19271

Phil, when you measured the voltage, were you taking the reading from inside the rig? A common problem with the 706 is that the female contacts in the power connector tend to loosen up over time, so you need to check and see what the voltage is inside the rig when you are transmitting (FM or CW).

Regards,
Ed

--- In ic706@yahoogroups.com, "nika01.rm" <nika01@...> wrote:
>
> I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
>
> --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> >
> > If it will not fail on the bench, check the wiring to the power source.  The 706 rigs have been known to act funny with low voltage.  Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> >
> > Are you using a remote cable in the car to seperate the head and the rig ?  It may be a bad cable or coroded connectors.
> >
> >
> > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> >
> >
> > From: nika01.rm <nika01@>
> > Subject: [ic706] strange 706 m2g behavoir
> > To: ic706@yahoogroups.com
> > Date: Sunday, November 20, 2011, 11:15 AM
> >
> >
> > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> >
> > I think I need a priest. Any ideas?
> >
> > Phil AB8EO
> >
> >

> > [Non-text portions of this message have been removed]
> >
>

# 19272. Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-23 22:39:52 UTC
From: w7tab
Topic: 19265  Message: 19272

These posts caught my own curiosity. I see that there are RS232 ones and USB ones. I have an adapter to RS-232, but it seems easier/simpler to just go with the USB ones. Am I missing something? Would i need special driver software?
Kevin (W7TAB)
--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> I appreciate all the responses. I wasn't sure if the $10 and under cables
> were worth buying. I ordered one so I'll give it a try. I'm not a heavy
> operator but thought I'd see what it's like. I have an older Dell desktop
> that I thought I'd dedicate to radio stuff, psk and so on. Besides I love
> toys!
>
>
> [Non-text portions of this message have been removed]
>

# 19273. Re: [ic706] Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-24 01:09:48 UTC
From: Eric Mynes
Topic: 19265  Message: 19273

Kevin,

Basically the USB versions have the USB-to-Serial converter built into
them. So, you will still need drivers and it sets up a virtual com port on
your workstation.

73,
Eric
k8ohz

On Wed, Nov 23, 2011 at 5:39 PM, w7tab <acesman@...> wrote:

> **
>
>
>
> These posts caught my own curiosity. I see that there are RS232 ones and
> USB ones. I have an adapter to RS-232, but it seems easier/simpler to just
> go with the USB ones. Am I missing something? Would i need special driver
> software?
> Kevin (W7TAB)
>
> --- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
> >
> > I appreciate all the responses. I wasn't sure if the $10 and under cables
> > were worth buying. I ordered one so I'll give it a try. I'm not a heavy
> > operator but thought I'd see what it's like. I have an older Dell desktop
> > that I thought I'd dedicate to radio stuff, psk and so on. Besides I love
> > toys!
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

--
A wise man once said nothing.

[Non-text portions of this message have been removed]

# 19274. Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-24 10:25:36 UTC
From: Bob MacDonnell
Topic: 19265  Message: 19274

--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
> I see several of these cables listed on Ebay for pretty low prices. Do they work ok? Any recommendations?
>
> Never tried controlling my 706G w/computer--is it worthwhile?

Sorry I'm a bit late getting back to you Wayne as I see you have ordered one. I've had a couple. The first one failed as the line was too short and it could not endure my wife's putting cable ends away. I use them land mobile. After the third repair the pcb was degrading! The cable on the second one I got was longer, and I reinforced the cheap construction of the USB connector, so it has lasted better. Another option would have been to use a USB extension cable.

My rig is a bit difficult to access easily, so automatic frequency setting is a real plus!
73 de bob ve0rdm/vk4bdm

# 19275. Re: [ic706] Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-24 11:30:10 UTC
From: Wayne Bowyer
Topic: 19265  Message: 19275

Thanks Bob,
I think the one I ordered is 1m in length, already I'm seeing potential issues with that but if I do I can do as you suggest. Thanks for the reply!

73's
Wayne

On Thu, Nov 24, 2011 at 5:25 AM, Bob MacDonnell <sv_siddiqi@...> wrote:

> **
>
>
>
> --- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
> >
> > I see several of these cables listed on Ebay for pretty low prices. Do
> they work ok? Any recommendations?
> >
> > Never tried controlling my 706G w/computer--is it worthwhile?
>
> Sorry I'm a bit late getting back to you Wayne as I see you have ordered
> one. I've had a couple. The first one failed as the line was too short and
> it could not endure my wife's putting cable ends away. I use them land
> mobile. After the third repair the pcb was degrading! The cable on the
> second one I got was longer, and I reinforced the cheap construction of the
> USB connector, so it has lasted better. Another option would have been to
> use a USB extension cable.
>
> My rig is a bit difficult to access easily, so automatic frequency setting
> is a real plus!
> 73 de bob ve0rdm/vk4bdm
>
>
>

[Non-text portions of this message have been removed]

# 19276. Re: [ic706] Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-24 11:59:25 UTC
From: Stu Capon
Topic: 19265  Message: 19276

I got mine from http://www.g4zlp.co.uk/unified/IcomCAT.shtml, trusted
that more than ebay unknown chipset types I considered.
The USB dongle can go on an USB extension lead with the usual USB
limitation 5M Passive (without additional repeater or hub).
The lead from the dongle to the radio is detachable (read replaceable)
3.5mm jack at both ends (one two contact plug, the other three contact)
and I believe the limitation for CIV is also 5M.

This assumes you are not seeing a lot of RF about obviously.
The advantage of the detachable lead is also if you did want to put
solid ferrite suppression on then it's an easier lead to re terminate
than USB.

Dongle itself was a small PCB inside shrink tube so again maybe possible
to fix (don't quote me) just not as pretty as some "Use once and give
up" chip in smooth moulded form.

Regards
Stu

On 24/11/11 11:30, Wayne Bowyer wrote:
> Thanks Bob,
> I think the one I ordered is 1m in length, already I'm seeing potential
> issues with that but if I do I can do as you suggest. Thanks for the reply!
>
> 73's
> Wayne
>
> On Thu, Nov 24, 2011 at 5:25 AM, Bob MacDonnell<sv_siddiqi@...> wrote:
>
>> **
>>
>>
>>
>> --- In ic706@yahoogroups.com, "n4eyz"<wayne.bowyer@...> wrote:
>>> I see several of these cables listed on Ebay for pretty low prices. Do
>> they work ok? Any recommendations?
>>> Never tried controlling my 706G w/computer--is it worthwhile?
>> Sorry I'm a bit late getting back to you Wayne as I see you have ordered
>> one. I've had a couple. The first one failed as the line was too short and
>> it could not endure my wife's putting cable ends away. I use them land
>> mobile. After the third repair the pcb was degrading! The cable on the
>> second one I got was longer, and I reinforced the cheap construction of the
>> USB connector, so it has lasted better. Another option would have been to
>> use a USB extension cable.
>>

>> My rig is a bit difficult to access easily, so automatic frequency setting
>> is a real plus!
>> 73 de bob ve0rdm/vk4bdm
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19277. Re: Icom CI-V USB interface cables

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-25 03:18:46 UTC
From: ewmtbta
Topic: 19265  Message: 19277

I have used the
1)One-Touch USB cable,
2)One-Touch serial cable as RS-232,
3)and using the Serial to USB cable that came with RigBlaster(?)
nomic version with the One-Touch serial cable.
4)WestMountains RIGtalk CAT CIV interface.

For the uniniated the One-Touch is a glucose meter that allows computer downloads of recorded readings.

All have/do work quite well. You WILL need to make a stereo to mono adapter to use the One-Touch cables. (Check ur junk box for parts)

Have used with 706mk3 and R-75

# 19278. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-26 19:46:54 UTC
From: EdwinB
Topic: 19252  Message: 19278

The Alinco DX-SR8T/E seems to be getting good reviews on eHam.net.

Regards,
Ed

--- In ic706@yahoogroups.com, "nika01.rm" <nika01@...> wrote:
>
> had one of those. Sold it. Couldnt deal with its size or menus. I am thinking Kenwood. They seem to get the best reviews for mobile hF.
>
> --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> >
> > A new FT857D??
> >
> > 73s John AA5JG
> >
> > ----- Original Message -----
> > From: nika01.rm
> > To: ic706@yahoogroups.com
> > Sent: Sunday, November 20, 2011 8:03 PM
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> > Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's
> >
> > --- In ic706@yahoogroups.com, JOHNQRZ@ wrote:
> > >
> > > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> > >
> > >
> > >
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: nika01.rm <nika01@>
> > > To: ic706 <ic706@yahoogroups.com>

> > > Sent: Sun, Nov 20, 2011 8:57 am
> > > Subject: [ic706] Re: strange 706 m2g behavoir
> > >
> > >
> > >
> > >
> > >
> > > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> > >
> > > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > > >
> > > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > > >
> > > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > > >
> > > >
> > > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > > >
> > > >
> > > > From: nika01.rm <nika01@>
> > > > Subject: [ic706] strange 706 m2g behavoir
> > > > To: ic706@yahoogroups.com
> > > > Date: Sunday, November 20, 2011, 11:15 AM
> > > >
> > > >
> > > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > > >
> > > > I think I need a priest. Any ideas?
> > > >
> > > > Phil AB8EO
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> > >
> > >
> > >
> > >
> > >

> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19279. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-27 17:17:29 UTC
From: Mike Rodgers
Topic: 19252  Message: 19279

One thing that intrigues me about the
857 is when useing the atas screwdriver it will auto adjust they say to the correct length. That would be nice. The atas I don't think is too robust. My friend in England that has the setup is leery of the atas at highway speeds. Can you accomplish that yet with aftermarket screwdrivers? That would be a great step forward with rigs with tune buttons.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Nov 26, 2011, at 1:46 PM, "EdwinB" <n5kzw@...> wrote:

> The Alinco DX-SR8T/E seems to be getting good reviews on eHam.net.
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, "nika01.rm" <nika01@...> wrote:
> >
> > had one of those. Sold it. Couldnt deal with its size or menus. I am thinking Kenwood. They seem to get the best reviews for mobile hF.
> >
> > --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> > >
> > > A new FT857D??
> > >
> > > 73s John AA5JG
> > >
> > > ----- Original Message -----
> > > From: nika01.rm
> > > To: ic706@...m
> > > Sent: Sunday, November 20, 2011 8:03 PM
> > > Subject: [ic706] Re: strange 706 m2g behavoir
> > >
> > >
> > >
> > > Looks like I need a new radio. This was very helpful, I can show this to my wife and it will make a new purchase easier. Problem is, the IC7000 looks like an unreliable radio and there arent any more 706's
> > >
> > > --- In ic706@yahoogroups.com, JOHNQRZ@ wrote:
> > > >

> > > > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > -----Original Message-----
> > > > From: nika01.rm <nika01@>
> > > > To: ic706 <ic706@yahoogroups.com>
> > > > Sent: Sun, Nov 20, 2011 8:57 am
> > > > Subject: [ic706] Re: strange 706 m2g behavoir
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> > > >
> > > > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > > > >
> > > > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > > > >
> > > > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > > > >
> > > > >
> > > > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > > > >
> > > > >
> > > > > From: nika01.rm <nika01@>
> > > > > Subject: [ic706] strange 706 m2g behavoir
> > > > > To: ic706@yahoogroups.com
> > > > > Date: Sunday, November 20, 2011, 11:15 AM
> > > > >
> > > > >
> > > > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on

(carefully). Cannot get it to fail at all.
> > > > >
> > > > > I think I need a priest. Any ideas?
> > > > > >
> > > > > Phil AB8EO
> > > > > >
> > > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > [Non-text portions of this message have been removed]
> > > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > >
> >

[Non-text portions of this message have been removed]

# 19280. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-27 17:54:18 UTC
From: Randy Allen
Topic: 19252  Message: 19280

A Tarheel antenna combined with a Turbo Tuner is the ticket. I'm using a Little Tarheel II and a Turbo Tuner with my IC-706MKIIG. Bring up a freq and hit the Tune button and it does the rest. Been using it a year and a half now with no problems at interstate speeds.

An alternate (and cheaper) method is to get a Better RF tune control. You can use the Tarheel up and down control to move the antenna to Peak for noise on the radio, then hit the tune button and move the antenna up and down to dip SWR.

Friend of mine went from a Yeasu rig/ATAS combo to a Tarheel and Turbo Tuner due to problems he had with the ATAS not tuning up easily or properly.

Hope this helps

73

--
Randy Allen, KAØAZS

On 11/27/2011 12:17, Mike Rodgers wrote:
> One thing that intrigues me about the
> 857 is when useing the atas screwdriver it will auto adjust they say to
> the correct length. That would be nice. The atas I don't think is too
> robust. My friend in England that has the setup is leery of the atas at
> highway speeds. Can you accomplish that yet with aftermarket
> screwdrivers? That would be a great step forward with rigs with tune
> buttons.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>

# 19281. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-28 02:34:47 UTC
From: nika01.rm
Topic: 19252  Message: 19281

This was measured at the connector itself. I am beginning to think this is a capacitor problem that only shows with higher voltages. There is a long thread on eham (that was copied here) about C188 and C604, 2 16V electrolytics. I can see if one of these is becoming a semiconductor with higher than bench supply, I would have a problem. What makes this hard is that it is intermittent. Cant make it happen when I have a meter in my hand.

--- In ic706@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> Phil, when you measured the voltage, were you taking the reading from inside the rig? A common problem with the 706 is that the female contacts in the power connector tend to loosen up over time, so you need to check and see what the voltage is inside the rig when you are transmitting (FM or CW).
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, "nika01.rm" <nika01@> wrote:
> >
> > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power source.  The 706 rigs have been known to act funny with low voltage.  Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > >
> > > Are you using a remote cable in the car to seperate the head and the rig ?  It may be a bad cable or coroded connectors.
> > >
> > >
> > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > >
> > >
> > > From: nika01.rm <nika01@>
> > > Subject: [ic706] strange 706 m2g behavoir
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, November 20, 2011, 11:15 AM
> > >
> > >
> > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake

it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > >
> > > I think I need a priest. Any ideas?
> > >
> > > Phil AB8EO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 19282. Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-29 18:41:06 UTC
From: w5kav
Topic: 19252  Message: 19282

I had the same problem, found out that the power plug was
bad, the sleeves in the plug has widened and were not
making contact. I pinched them together and the problem went
away.

I do agree that if anyone can find a problem it is Scott at MTS,
I have had my 706MKIIG and 706 and a few ICOM VHF radios repaired
by him, he is cheap, knows his stuff and great to deal with. I
have had a number of friends send radios to Scott and they all
say the same thing, for ICOM and Kenwood repair he is the go to
guy.

73 Chuck W5KAV

--- In ic706@yahoogroups.com, JOHNQRZ@... wrote:
>
> I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> >
> >
> >
> >
> >
> >
> > -----Original Message-----
> > From: nika01.rm <nika01@...>
> > To: ic706 <ic706@yahoogroups.com>
> > Sent: Sun, Nov 20, 2011 8:57 am
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> >
> >
> > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage

at the rig. Especially under load as when transmitting.
> >
> > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> >
> >
> > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> >
> >
> > From: nika01.rm <nika01@>
> > Subject: [ic706] strange 706 m2g behavoir
> > To: ic706@yahoogroups.com
> > Date: Sunday, November 20, 2011, 11:15 AM
> >
> >
> > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> >
> > I think I need a priest. Any ideas?
> >
> > Phil AB8EO
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19283. Re: [ic706] Re: strange 706 m2g behavoir

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-30 03:33:03 UTC
From: LARRY J. FORD
Topic: 19252  Message: 19283

What's the contact info for Scott at MTS? I have a Kenwood dual band mobile rig that may need service.

For ICOM rigs, I've had great service with Matt Adrian at ICOM Service Center - Michigan; very efficient and reasonable cost service. http://www.sarts1.com

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 29 Nov 2011 08:28:05 PM EST
From: "w5kav" <bigbob1846@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: strange 706 m2g behavoir

> I had the same problem, found out that the power plug was
> bad, the sleeves in the plug has widened and were not
> making contact. I pinched them together and the problem went
> away.
>
> I do agree that if anyone can find a problem it is Scott at MTS,
> I have had my 706MKIIG and 706 and a few ICOM VHF radios repaired
> by him, he is cheap, knows his stuff and great to deal with. I
> have had a number of friends send radios to Scott and they all
> say the same thing, for ICOM and Kenwood repair he is the go to
> guy.
>
> 73 Chuck W5KAV
>
>
> --- In ic706@yahoogroups.com, JOHNQRZ@... wrote:
> >
> > I had the exact same problem with mine. After awhile it would fail on and off in the house in the car and on the boat. I sent it in to Scott at MTS and he has had it back 3 times for the same problem ! He has now had the radio for a year and a half and still no joy. He seems to think it is in the PLL but because it is intermittent it is very hard to trouble shoot. All I can say is good luck. If Scott runs it down I will post the findings here.
> >
> >
> >
> >
> >
> >

> > -----Original Message-----
> > From: nika01.rm <nika01@...>
> > To: ic706 <ic706@yahoogroups.com>
> > Sent: Sun, Nov 20, 2011 8:57 am
> > Subject: [ic706] Re: strange 706 m2g behavoir
> >
> >
> >
> >
> >
> > I get about 12.2 volts at the connector with van off (looks like I need a new battery), but with the alternator running, it is 14.5 volts. I wouldnt think that is a problem, but maybe it is a problem with the internal voltage regulator in the rig.
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > If it will not fail on the bench, check the wiring to the power source. The 706 rigs have been known to act funny with low voltage. Make sure you are getting the full voltage at the rig. Especially under load as when transmitting.
> > >
> > > Are you using a remote cable in the car to seperate the head and the rig ? It may be a bad cable or coroded connectors.
> > >
> > >
> > > --- On Sun, 11/20/11, nika01.rm <nika01@> wrote:
> > >
> > >
> > > From: nika01.rm <nika01@>
> > > Subject: [ic706] strange 706 m2g behavoir
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, November 20, 2011, 11:15 AM
> > >
> > >
> > > Had my 706 mobile for 10 years, no problems. Now the rig has gone intermittent. Receiver will sound strange and rig wont transmit. I have checked for loose wires. Sometimes it will heal itself only to go intermittent again. To make this more bizarre, I cannot get the rig to fail on the bench. I get it hot with a hair dryer, beat on it, shake it, keeps on ticking. Have taken it apart and manhandled the circuit boards with it on (carefully). Cannot get it to fail at all.
> > >
> > > I think I need a priest. Any ideas?
> > >
> > > Phil AB8EO
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >

> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

# 19284. Re: [ic706] Re: strange 706 m2g behavior - MTS Contact Info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-30 11:34:27 UTC
From: Stephen Davis
Topic: 19252  Message: 19284

Scott Malcom - KA7MEF
Malcom Technical Support (MTS)
5130 Jackson Hwy
Toledo, WA 98591-8680

e-mail: MTS@...

73,
Steve
KJ4FEL

---

From: LARRY J. FORD <lford@...>
To: ic706@yahoogroups.com
Sent: Tuesday, November 29, 2011 10:33 PM
Subject: Re: [ic706] Re: strange 706 m2g behavoir

What's the contact info for Scott at MTS? I have a Kenwood dual band mobile rig that may need service.

73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19285. Re: [ic706] Re: strange 706 m2g behavior - MTS Contact Info

Yahoo group: ic706 (2010 — 2015)
Date: 2011-11-30 15:20:47 UTC
From: Larry J. Ford
Topic: 19252  Message: 19285

Thanks.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Stephen Davis
To: ic706@yahoogroups.com
Sent: Wednesday, November 30, 2011 6:34 AM
Subject: Re: [ic706] Re: strange 706 m2g behavior - MTS Contact Info

Scott Malcom - KA7MEF
Malcom Technical Support (MTS)
5130 Jackson Hwy
Toledo, WA 98591-8680

e-mail: MTS@...

73,
Steve
KJ4FEL

---
From: LARRY J. FORD <lford@...>
To: ic706@yahoogroups.com
Sent: Tuesday, November 29, 2011 10:33 PM
Subject: Re: [ic706] Re: strange 706 m2g behavoir

What's the contact info for Scott at MTS? I have a Kenwood dual band mobile
rig that may need service.

73,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19286. ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-02 04:17:19 UTC
From: ripple.arty
Topic: 14205  Message: 19286

How much would I expect to pay for a used IC 706
And do all IC706 radio's have the built in tunner and 6 mtrs?
Thanks
Arthur NS7E

# 19287. Re: [ic706] ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-02 05:02:45 UTC
From: John Geiger
Topic: 14205  Message: 19287

Hi Arthur,

All of the 706 models have 6 meters and 2 meters included. The MKIIG also has 70cm. None of the models come with a built in tuner.

Assuming the rig is in decent condition and comes with a mic and power cord, typical prices would be:

706 original $375 to $400
706MKII $425 without DSP included
706MKII $450 to $475 with DSP
706MKIIG $600 or so.

Of course having the optional filters with it increases the price. Figure $50 for each extra filter.

73s John AA5JG
----- Original Message -----
From: ripple.arty
To: ic706@yahoogroups.com
Sent: Friday, December 02, 2011 4:17 AM
Subject: [ic706] ic706

How much would I expect to pay for a used IC 706
And do all IC706 radio's have the built in tunner and 6 mtrs?
Thanks
Arthur NS7E

[Non-text portions of this message have been removed]

# 19288. Re: [ic706] ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-02 14:47:49 UTC
From: Larry J. Ford
Topic: 14205  Message: 19288

Also take a look at past auctions/sales on eBay, and on ham radio classified websites like QTH.COM for asking prices.

Also the power output level on 2 meters varied with the models:

"Original" 706 - 10 watts;
706MKII - 20 watts;
706MKIIG - 45 or 50 watts (not sure).

Finally, the original 706 will not "control" an AH-4 autotuner for tuning on 6 meters; however, the MKII and MKIIG did have the additional circuitry, firmware, etc., to "command" the AH-4 to tune on 6 meters by pressing the "Tune" button on the front of the rig.

I have both an original 706 (still in mint condition, by the way) and a MKII with DSP and the MARS/CAP mod. I paid $500.00 for it about 2 years ago, and it included the mobile mounts and separation kit.

Larry J. Ford
KG4GPJ

Larry J. Ford
KG4GPJ
----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, December 02, 2011 12:02 AM
Subject: Re: [ic706] ic706

Hi Arthur,

All of the 706 models have 6 meters and 2 meters included. The MKIIG also has 70cm. None of the models come with a built in tuner.

Assuming the rig is in decent condition and comes with a mic and power cord, typical prices would be:

706 original $375 to $400
706MKII $425 without DSP included
706MKII $450 to $475 with DSP
706MKIIG $600 or so.

Of course having the optional filters with it increases the price. Figure $50 for each extra filter.

73s John AA5JG
----- Original Message -----
From: ripple.arty
To: ic706@yahoogroups.com

Sent: Friday, December 02, 2011 4:17 AM
Subject: [ic706] ic706

How much would I expect to pay for a used IC 706
And do all IC706 radio's have the built in tunner and 6 mtrs?
Thanks
Arthur NS7E

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19289. reply to Larry and john

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-03 01:19:28 UTC
From: Arthur Ripple
Topic: 19289  Message: 19289

Thanks John and Larry for your reply and I would love to get a IC-70MKII with DSP for 475 or 500 if any one has one for SALE Please let me know I'm getting myself an early Christmass present Hi Hi

73 to All

NS7E Arthur 903-269-6704

[Non-text portions of this message have been removed]

# 19290. Re: [ic706] reply to Larry and john

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-03 14:16:31 UTC
From: LARRY J. FORD
Topic: 19289  Message: 19290

There were a couple on eBay as of yesterday, but the usual cautions apply.

Also take a look at QTH.COM classifieds, which is a mostly "ham-to-ham" marketplace, and perhaps a bit more "trustworthy" than eBay.

Good luck.

Larry J. Ford
KG4GPJ
------ Original Message ------
Received: Sat, 03 Dec 2011 12:33:35 AM EST
From: Arthur Ripple <arthurripple@...>
To: ic706@yahoogroups.com
Subject: [ic706] reply to Larry and john

> Thanks John and Larry for your reply and I would love to get a IC-70MKII
> with DSP for 475 or 500 if any one has one for SALE Please let me know
> I'm getting myself an early Christmass present Hi Hi
>
> 73 to All
>
>
>
> NS7E Arthur 903-269-6704
>
>
> [Non-text portions of this message have been removed]
>
>

# 19291. new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-04 19:20:13 UTC
From: qrp4fun
Topic: 19291  Message: 19291

Hello, my name is Joe - ve7lsb
I have only made a few contacts ( fairly new to amateur radio)

recently i purchased a icom 706 mk2 (used)

Now I am not very good with understanding my icom 706 and was hoping someone could help me.

I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.

Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?

Sorry but i am old school and dont understand whats going on

thanks for your patients

73 Joe - ve7lsb

# 19292. [ic706] CI-V Control - Cable Suggestion

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-04 18:33:15 UTC
From: RSantiina
Topic: 19068  Message: 19292

I use the Radio Shack Scanner Programming Cable and the TRS to TR
adapter that comes with it.
I found this on the IC-7000 forum and it works fine on the IC-706-MKIIg too.
I have tried XP and 7 on several different model computers and run
mainly HRD but have never had a problem with anything else I tried.

You just have to get over the surprise of actually buying something for
your radio at Radio Shack.

Rick
W6IFA

# 19293. Re: [ic706] new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-04 22:27:39 UTC
From: John Geiger
Topic: 19291  Message: 19293

Hi Joe,

Welcome to the hobby. Sounds like you have the duplex or split feature on. On the M1 menu you should see

SPL A/B A=B

If the SPL is in bold, push the F-1 buttton to turn it off. It should then transmit and receive on the same frequency.

Hope this helps.

73s John AA5JG
----- Original Message -----
From: qrp4fun
To: ic706@yahoogroups.com
Sent: Sunday, December 04, 2011 7:20 PM
Subject: [ic706] new to amateur radio

Hello, my name is Joe - ve7lsb
I have only made a few contacts ( fairly new to amateur radio)

recently i purchased a icom 706 mk2 (used)

Now I am not very good with understanding my icom 706 and was hoping someone could help me.

I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.

Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?

Sorry but i am old school and dont understand whats going on

thanks for your patients

73 Joe - ve7lsb

[Non-text portions of this message have been removed]

# 19294. Re: new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-04 23:32:12 UTC
From: olemancubkohler
Topic: 19291  Message: 19294

Hey Joe: That same thing happens to me all the time, when I'm on 6mt. & go to HF, before I switch to HF. I make sure I'm on a simplex channel, other wise it will transmitt the 6mt. offset, hope the helps, Merv ka8pgw

--- In ic706@yahoogroups.com, "qrp4fun" <flatfootjoe@...> wrote:
>
> Hello, my name is Joe - ve7lsb
> I have only made a few contacts ( fairly new to amateur radio)
>
> recently i purchased a icom 706 mk2 (used)
>
> Now I am not very good with understanding my icom 706 and was hoping someone could help me.
>
> I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.
>
> Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?
>
> Sorry but i am old school and dont understand whats going on
>
>
> thanks for your patients
>
> 73 Joe - ve7lsb
>

# 19295. [ic706] new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-05 00:03:32 UTC
From: LARRY J. FORD
Topic: 19291  Message: 19295

The "split" function under M1 must be on.

Perhaps a " CPU reset" to return all functions and values back to factory default settings would be in order to clear the prior owner's settings.

See manual page 17.

Larry J. Ford
ICOM IC-706 and IC-706MKII
KG4GPJ

------ Original Message ------
Received: Sun, 04 Dec 2011 05:10:40 PM EST
From: "qrp4fun"
To: ic706@yahoogroups.com
Subject: [ic706] new to amateur radio

> Hello, my name is Joe - ve7lsb
> I have only made a few contacts ( fairly new to amateur radio)
>
> recently i purchased a icom 706 mk2 (used)
>
> Now I am not very good with understanding my icom 706 and was hoping someone could help me.
>
> I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.
>
> Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?
>
> Sorry but i am old school and dont understand whats going on
>
>
> thanks for your patients
>
> 73 Joe - ve7lsb
>
>

# 19296. Re: new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-04 23:23:24 UTC
From: qrp4fun
Topic: 19291  Message: 19296

thanks John, It turned out that I did indeed have the split feature on. Its off now. thanks again :)

--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> Hi Joe,
>
> Welcome to the hobby. Sounds like you have the duplex or split feature on. On the M1 menu you should see
>
> SPL A/B A=B
>
> If the SPL is in bold, push the F-1 buttton to turn it off. It should then transmit and receive on the same frequency.
>
> Hope this helps.
>
> 73s John AA5JG
> ----- Original Message -----
> From: qrp4fun
> To: ic706@yahoogroups.com
> Sent: Sunday, December 04, 2011 7:20 PM
> Subject: [ic706] new to amateur radio
>
>
>
> Hello, my name is Joe - ve7lsb
> I have only made a few contacts ( fairly new to amateur radio)
>
> recently i purchased a icom 706 mk2 (used)
>
> Now I am not very good with understanding my icom 706 and was hoping someone could help me.
>
> I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.
>
> Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?
>
> Sorry but i am old school and dont understand whats going on
>
> thanks for your patients
>

> 73 Joe - ve7lsb
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19297. Re: [ic706] new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-05 00:36:36 UTC
From: flatfootjoe@gmail.com
Topic: 19291  Message: 19297

Thanks so much everyone. I did a CPU reset and all is well!
Now I can start over and learn my radio without someone else's previous settings making me scratch my head.

Very nice!

Thanks again,
Joe -ve7lsb

[Non-text portions of this message have been removed]

# 19298. 706MKIIG Intermittent relay clatter on HF receive only - Help please :)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-05 21:45:26 UTC
From: ekeppel
Topic: 19298  Message: 19298

Hi folks! First post here.

I have an IC-706MKIIG that I bought used, and it worked ok for the first few days, but before long it was locking up on me intermittently and had to pull the power to get it powered on again.

I have a feeling that is due to heat buildup somewhere on some component, and possibly unrelated to main main issue making the radio nearly unusable on HF, but I wanted to mention it in conjunction with this relay issue...

When I switch to any HF band, one or more of the relays on the filter board begin to chatter. Sometimes just a bit but most times rapid-fire random chattering. When this happens, I lose RX on that band unless the relay chattering stops in just the right place. I can't tell which relay it is cause they are so small and don't click enough for me to feel which one is clicking when it happens.

TX appears to be fine, just receive is affected. I am thinking it may be related to Q1 on the filter board near the RL1 relay, but I don't know enough about this to test it or diagnose from here.

My power supply was tested and is operating well, 13.8V and holding under load, so I have rules out power input issues. I have also checked and reseated all ribbon cables, as well as loosened and re-tightened all the screws that hold the filter board to the chassis.

I have found by trial and error that I can get the relay in question to click when switching power between 'L' to '1' on the Q1 menu. When in the L position, the relay clicking is usually better, but it comes in rapid fire after a time there as well usually.

Any help diagnosing this would be greatly appreciated.

Thanks!

--Eric

# 19299. Re: [ic706] 706MKIIG Intermittent relay clatter on HF receive only - Help please :)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-05 23:51:29 UTC
From: A Wallace
Topic: 19298  Message: 19299

Have you tried tightening the power connector tabs as recently mentioned here?
The fact that it transmits ok is an indicator that they are ok, but its worth checking....
Adrian

On 6/12/2011 8:15 AM, ekeppel wrote:
>
> Hi folks! First post here.
>
> I have an IC-706MKIIG that I bought used, and it worked ok for the
> first few days, but before long it was locking up on me intermittently
> and had to pull the power to get it powered on again.
>

[Non-text portions of this message have been removed]

# 19300. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-05 23:59:26 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19300

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /IC-706MkIIG Split and Duplex rev8.pdf
Uploaded by : noskosteve <noskosteve@...>
Description : How to do repeaters & Split mode complete (hopefully simple)

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/IC-706MkIIG%20Split%20and%20Duplex%20rev8.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

noskosteve <noskosteve@...>

# 19301. Re: new to amateur radio

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-06 00:05:01 UTC
From: noskosteve
Topic: 19291  Message: 19301

Joe,

I just uploaded the latest rev8 of my paper describing Duplex and Split for the 706 MkII G.
I am pretty sure it is the same for the earlier version Mk II.
I hope you find it useful in understanding the fundamentals.

It's about half way down in the Files Area:

IC-706MkIIG Split and Duplex rev8.pdf

You comments welcome if you think there are areas that need clearer explanations.

--

73, Steve, K9DCI

--- In ic706@yahoogroups.com, "qrp4fun" <flatfootjoe@...> wrote:
>
> Hello, my name is Joe - ve7lsb
> I have only made a few contacts ( fairly new to amateur radio)
>
> recently i purchased a icom 706 mk2 (used)
>
> Now I am not very good with understanding my icom 706 and was hoping someone could help me.
>
> I want to do check ins with local nets (20 meter) but when I go to transmit, a 144.000 mhz (2 meter frq is displayed) .......perhaps someones old saved settings? I dont know myself.
>
> Can someone please tell me whats happening and how to just have the radio transmit on the same frequency as I am recieving?
>
> Sorry but i am old school and dont understand whats going on
>
>
> thanks for your patients
>
> 73 Joe - ve7lsb
>

# 19302. Re: 706MKIIG Intermittent relay clatter on HF receive only - Help please :)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-06 14:23:26 UTC
From: ekeppel
Topic: 19298  Message: 19302

Adrian, I guess my reply didn't show up here, but I wanted to reply publicly to let everyone know that I did check that as well, and the molex connector is good and tight.

It is an aftermarket one that I wired myself, and have used with other radios just fine.

Still no luck figuring out what is wrong with the rig.. anyone have further suggestions?

Thanks and 73,

Eric
KB1VZV

--- In ic706@yahoogroups.com, A Wallace <awallace@...> wrote:
>
> Have you tried tightening the power connector tabs as recently mentioned
> here?
> The fact that it transmits ok is an indicator that they are ok, but its
> worth checking....
> Adrian
>
>
>

# 19303. Re: 706MKIIG Intermittent relay clatter on HF receive only - Help please :)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-07 21:02:51 UTC
From: EdwinB
Topic: 19298  Message: 19303

Eric, the Molex issue is not on the power cord side of the connection, it is on the radio side. The female contacts in the connector in the radio are the ones that need to be tightened.

Regards,
Ed

In ic706@yahoogroups.com, "ekeppel" <keppel@...> wrote:
>
>
>
> Adrian, I guess my reply didn't show up here, but I wanted to reply publicly to let everyone know that I did check that as well, and the molex connector is good and tight.
>
> It is an aftermarket one that I wired myself, and have used with other radios just fine.
>
> Still no luck figuring out what is wrong with the rig.. anyone have further suggestions?
>
> Thanks and 73,
>
> Eric
> KB1VZV
>
> --- In ic706@yahoogroups.com, A Wallace <awallace@> wrote:
> >
> > Have you tried tightening the power connector tabs as recently mentioned
> > here?
> > The fact that it transmits ok is an indicator that they are ok, but its
> > worth checking....
> > Adrian
> >
> >
> >
>

# 19304. Re: [ic706] Re: 706MKIIG Intermittent relay clatter on HF receive only - Help please :)

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-07 21:14:41 UTC
From: Eric Keppel
Topic: 19298  Message: 19304

Roger that Ed... Thanks for the clarification. I will give those connections a good check over. While I'm at it, I was told by a tech (via e-mail) that a final was shorted and this was the cause of the relay clicking.

My radio puts out just fine on all bands and the power is adjustable. I tested with a dummy load, so can someone explain how that could be the case? I am scratching my head over that.

Thanks all -- 73,
Eric

On 12/7/2011 4:02 PM, EdwinB wrote:
>
> Eric, the Molex issue is not on the power cord side of the connection,
> it is on the radio side. The female contacts in the connector in the
> radio are the ones that need to be tightened.
>
> Regards,
> Ed
>

[Non-text portions of this message have been removed]

# 19305. 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-10 23:01:51 UTC
From: Philip
Topic: 19305  Message: 19305

Hi everyone,

I have a naive question that I haven't managed to answer searching this group or google.

My 706 MkII doesn't have 13 VDC at the tuner connector. It is decade old problem... one I have not tried to fix. Now, I would like to use an AH-4. I suspect the problem is a blown trace on the PA board (as described and resolved in http://groups.yahoo.com/group/ic706/message/18654) but I hesitate to tear that far into my radio.

With the radio switched on, the 13 VDC pin has 0 V, Gnd has 0 V, Start has 0 V, and Key has about 5 V. These are all with respect to the chassis.

With the radio switched off, however, Gnd does not appear to be chassis ground; there is about 20 KOhms resistance between the chassis and the Gnd pin.

So, here is my naive question: I wonder if I can't find 13 VDC elsewhere in the radio. For instance, on the fused side of the 4A fuse. That appears to be 13 VDC against chassis ground. What is the downside of using that 13 VDC, by placing a jumper from there to the 13 VDC pin of the tuner connector?

I suspect there is an excellent reason to NOT do this, otherwise it would have been recommended before. (Or have I just failed to find the proper search terms?)

Thanks,
Phil
AG4AT

# 19306. Re: [ic706] 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 01:23:55 UTC
From: Facility 406 DM09
Topic: 19305  Message: 19306

From what I recall of the 706 MKII, it has a fuse in the tuner power line.
It only provides a few hundred mA and would be easy to blow.

Kurt

# 19307. 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 14:47:28 UTC
From: Larry J. Ford
Topic: 19305  Message: 19307

Good point.

The specs for the AH-4 say it is rated for 13.8 VDC +- 15% with "... current drain less than 1 A"

Someone posted, I believe, about "jumpering" the 4-pin tuner port DC pin from another 13.8 VDC source in the rig since the tuner port DC supply was not working. If that line was not similarly fused, then I guess it's possible the tuner could draw more current than it's rated for, unless there's internal fusing in the AH-4 to limit the current.

Does anyone know if that is the case with the AH-4?

(This is being cross-posted to the ICOM Tuner list.)

----- Original Message -----
From: Facility 406 DM09
To: ic706@yahoogroups.com
Sent: Sunday, December 11, 2011 8:23 PM
Subject: Re: [ic706] 13VDC not available at tuner connector

From what I recall of the 706 MKII, it has a fuse in the tuner power line.
It only provides a few hundred mA and would be easy to blow.

Kurt

[Non-text portions of this message have been removed]

# 19308. Re: [ic706] 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 16:17:51 UTC
From: Jack
Topic: 19305  Message: 19308

Larry there is not an internal fuse in the ah-4 there is a fuse holder in the radio at the back that has a 1A fuse in it for that circuit.

-----Original Message-----
From: Larry J. Ford
Sent: Monday, December 12, 2011 9:47 AM
To: ic706@yahoogroups.com
Cc: IcomTuner@yahoogroups.com
Subject: [ic706] 13VDC not available at tuner connector

Good point.

The specs for the AH-4 say it is rated for 13.8 VDC +- 15% with "... current drain less than 1 A"

Someone posted, I believe, about "jumpering" the 4-pin tuner port DC pin from another 13.8 VDC source in the rig since the tuner port DC supply was not working. If that line was not similarly fused, then I guess it's possible the tuner could draw more current than it's rated for, unless there's internal fusing in the AH-4 to limit the current.

Does anyone know if that is the case with the AH-4?

(This is being cross-posted to the ICOM Tuner list.)

----- Original Message -----
From: Facility 406 DM09
To: ic706@yahoogroups.com
Sent: Sunday, December 11, 2011 8:23 PM
Subject: Re: [ic706] 13VDC not available at tuner connector

From what I recall of the 706 MKII, it has a fuse in the tuner power line. It only provides a few hundred mA and would be easy to blow.

Kurt

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19309. 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 16:56:50 UTC
From: LARRY J. FORD
Topic: 19305  Message: 19309

Jack,

Thanks for the info. Sounds like "jumpering" the rig's tuner port DC line so as to bypass that fuse wouldn't be a good idea.

I looked at the power input on the schematic of the AH-4 in the Service Manual PDF I have, and couldn't, as you say, clearly ID a fuse. Unless there's an internal limiting resistor or the like internal to the AH-4, it may be relying on that fuse in the rig for current limiting, at least to my technically-limited mind.

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 12 Dec 2011 11:18:23 AM EST
From: "Jack" <jack.mrfixit198@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] 13VDC not available at tuner connector

> Larry there is not an internal fuse in the ah-4 there is a fuse holder in
> the radio at the back that has a 1A fuse in it for that circuit.
>
> -----Original Message-----
> From: Larry J. Ford
> Sent: Monday, December 12, 2011 9:47 AM
> To: ic706@yahoogroups.com
> Cc: IcomTuner@yahoogroups.com
> Subject: [ic706] 13VDC not available at tuner connector
>
> Good point.
>
> The specs for the AH-4 say it is rated for 13.8 VDC +- 15% with "... current

> drain less than 1 A"
>
> Someone posted, I believe, about "jumpering" the 4-pin tuner port DC pin
> from another 13.8 VDC source in the rig since the tuner port DC supply was
> not working. If that line was not similarly fused, then I guess it's
> possible the tuner could draw more current than it's rated for, unless
> there's internal fusing in the AH-4 to limit the current.
>
> Does anyone know if that is the case with the AH-4?
>
> (This is being cross-posted to the ICOM Tuner list.)

>
>
> ----- Original Message -----
> From: Facility 406 DM09
> To: ic706@yahoogroups.com
> Sent: Sunday, December 11, 2011 8:23 PM
> Subject: Re: [ic706] 13VDC not available at tuner connector
>
>
>
> From what I recall of the 706 MKII, it has a fuse in the tuner power
line.
> It only provides a few hundred mA and would be easy to blow.
>
> Kurt
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19310. Re: [ic706] 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 17:55:15 UTC
From: Jack
Topic: 19305  Message: 19310

there is current limiting in the AH4 but do not bypass the fuse it is the only one to that port and it powers all 3 ports the TUNER port, the ACC port, and Port2

BTW I lost who has the problem, I am located in North Carolina if you need some one that can do board work please contact me

Jack N6UYB

-----Original Message-----
From: LARRY J. FORD
Sent: Monday, December 12, 2011 11:56 AM
To: ic706@yahoogroups.com
Cc: IcomTuner
Subject: [ic706] 13VDC not available at tuner connector

Jack,

Thanks for the info. Sounds like "jumpering" the rig's tuner port DC line so
as to bypass that fuse wouldn't be a good idea.

I looked at the power input on the schematic of the AH-4 in the Service Manual
PDF I have, and couldn't, as you say, clearly ID a fuse. Unless there's an internal limiting resistor or the like internal to the AH-4, it may be relying
on that fuse in the rig for current limiting, at least to my technically-limited mind.

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 12 Dec 2011 11:18:23 AM EST
From: "Jack" <jack.mrfixit198@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] 13VDC not available at tuner connector

> Larry there is not an internal fuse in the ah-4 there is a fuse holder in
> the radio at the back that has a 1A fuse in it for that circuit.
>
> -----Original Message-----
> From: Larry J. Ford
> Sent: Monday, December 12, 2011 9:47 AM

> To: ic706@yahoogroups.com
> Cc: IcomTuner@yahoogroups.com
> Subject: [ic706] 13VDC not available at tuner connector
>
> Good point.
>
> The specs for the AH-4 say it is rated for 13.8 VDC +- 15% with "...
> current

> drain less than 1 A"
>
> Someone posted, I believe, about "jumpering" the 4-pin tuner port DC pin
> from another 13.8 VDC source in the rig since the tuner port DC supply was
> not working. If that line was not similarly fused, then I guess it's
> possible the tuner could draw more current than it's rated for, unless
> there's internal fusing in the AH-4 to limit the current.
>
> Does anyone know if that is the case with the AH-4?
>
> (This is being cross-posted to the ICOM Tuner list.)
>
>
> ----- Original Message -----
> From: Facility 406 DM09
> To: ic706@yahoogroups.com
> Sent: Sunday, December 11, 2011 8:23 PM
> Subject: Re: [ic706] 13VDC not available at tuner connector
>
>
>
> From what I recall of the 706 MKII, it has a fuse in the tuner power
line.
> It only provides a few hundred mA and would be easy to blow.
>
> Kurt
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

>

---

Yahoo! Groups Links

# 19311. Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 17:19:36 UTC
From: Philip
Topic: 19305  Message: 19311

Thanks for the information. I think I am being moderated because I'm new to the list, so my responses may not seem timely.

If there is a 1A fuse in the 706MKII, it is not mentioned in the user manual,and I can't find it in the service manual. Where is it? I maen I'd love to find a blown fuse rather than a blown trace.

Thanks,
Phil
AG4AT

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> Jack,
>
> Thanks for the info. Sounds like "jumpering" the rig's tuner port DC line so
> as to bypass that fuse wouldn't be a good idea.
>
> I looked at the power input on the schematic of the AH-4 in the Service Manual
> PDF I have, and couldn't, as you say, clearly ID a fuse. Unless there's an
> internal limiting resistor or the like internal to the AH-4, it may be relying
> on that fuse in the rig for current limiting, at least to my
> technically-limited mind.
>
> 73,
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Mon, 12 Dec 2011 11:18:23 AM EST
> From: "Jack" <jack.mrfixit198@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] 13VDC not available at tuner connector
>
> > Larry there is not an internal fuse in the ah-4 there is a fuse holder in
> > the radio at the back that has a 1A fuse in it for that circuit.
> >
<snip>

# 19312. Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 16:02:52 UTC
From: Philip Loudin
Topic: 19305  Message: 19312

Larry and Kurt,

Thanks for your interest. I believe that tuner power connector is not protected by a replacable fuse. As far as I can tell from the user manual and the service manual, there is one replacable fuse inside the 706 MkII, and that is a 4 A fuse which protects the entire radio except the PA.

I also believe that the AH-4 has no internal fuse.

A blown trace on the PA board where 13VDC is supplied to the tuner connector seems to be a known failure mode. If you are interested, please see the thread I cited earlier.

I have little interest in removing the PA board to repair that trace, if I can avoid it. My proposal was to find 13 VDC elsewhere inside the radio, and jumper that to the 13VDC tuner connector. I suspect that 13 VDC with sufficient current capacity is available on the protected end of the 4 A fuse that protects the rest of the radio.

I agree that it would be wise to protect that jumper with a 1 A fuse, if I can find room for it under the radio's cover.

Any guidance is welcome.

Thanks,
Phil
AG4AT

# 19313. Re: [ic706] Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 22:08:26 UTC
From: Mark Brueggemann
Topic: 19305  Message: 19313

--- On Mon, 12/12/11, Philip Loudin <philiploudin@...> wrote:

> A blown trace on the PA board where 13VDC is supplied to the
> tuner connector seems to be a known failure mode.

I had this happen when a connected accessory cable shorted and fried the trace in the transceiver.

> I have little interest in removing the PA board to repair that trace,

Mine was visible/repairable from the component side. I did not have to remove the PA board. It would be a simple matter to remove the cover and inspect yours to determine if it's readily repairable or not. It's not hard to locate, just follow the soot.

> I agree that it would be wise to protect that jumper with a
> 1 A fuse, if I can find room for it under the radio's cover.

Why bother with a fuse when you can use a board trace? :-)

Mark K5LXP
Albuquerque, NM

# 19314. Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 23:49:08 UTC
From: Philip
Topic: 19305  Message: 19314

I can't find that 1A fuse. My radio is the MkII, no G. The only fuses I find are a 4A fuse on the PA board, and of course the 30A fuse in external power line. If there is a 1A fuse lurking in there, I'd sure like to know. I'd rather replace the fuse than tinker around screwing things up.

Thanks,
Phil
AG4AT

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> Larry there is not an internal fuse in the ah-4 there is a fuse holder in
> the radio at the back that has a 1A fuse in it for that circuit.
>
<snip>

# 19315. Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-12 23:55:56 UTC
From: Philip
Topic: 19305  Message: 19315

Mark,

I've had the radio open and examined the where the tuner connector connects to the PA board. I don't see any obvious damage... certainly no soot. I was guessing that the damage was on the underside of the board, but I'm not sure. You mentioned an accessory cable. Was your problem with the accessory connector or the tuner connector? Also, my radio is the MkII. Is yours a MkIIG?

Thanks,
Phil
AG4AT

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Mon, 12/12/11, Philip Loudin <philiploudin@...> wrote:
>
> > A blown trace on the PA board where 13VDC is supplied to the
> > tuner connector seems to be a known failure mode.
>
> I had this happen when a connected accessory cable shorted and fried the trace in the transceiver.
>
>
> > I have little interest in removing the PA board to repair that trace,
>
> Mine was visible/repairable from the component side. I did not have to remove the PA board. It would be a simple matter to remove the cover and inspect yours to determine if it's readily repairable or not. It's not hard to locate, just follow the soot.
>
>
> > I agree that it would be wise to protect that jumper with a
> > 1 A fuse, if I can find room for it under the radio's cover.
>
> Why bother with a fuse when you can use a board trace? :-)
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 19316. Re: [ic706] Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-13 23:00:15 UTC
From: Facility 406 DM09
Topic: 19305  Message: 19316

Thanks for your interest. I believe that tuner power connector is not protected by a replacable fuse. As far as I can tell from the user manual and the service manual, there is one replacable fuse inside the 706 MkII, and that is a 4 A fuse which protects the entire radio except the PA.

Dang, wish I hadn't lost track of my manual...

I had a concern when I hooked up my SGC tuner. From what I recall, the tuner port is protected by an internal 1A fuse.

Kurt

# 19317. Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 00:35:29 UTC
From: phil_ad5x
Topic: 19305  Message: 19317

Unnfortunately there is no fuse on that tuner port, and it is very easy to blow the tiny trace - I've done it. And it is also difficult to repair, but it can be done with care - again, I've done it.

Phil - AD5X

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> Thanks for your interest. I believe that tuner power connector is not
> protected by a replacable fuse. As far as I can tell from the user manual
> and the service manual, there is one replacable fuse inside the 706 MkII,
> and that is a 4 A fuse which protects the entire radio except the PA.
>
>
> Dang, wish I hadn't lost track of my manual...
>
> I had a concern when I hooked up my SGC tuner. From what I recall, the
> tuner port is protected by an internal 1A fuse.
>
> Kurt
>

# 19318. Re: [ic706] Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 00:38:34 UTC
From: Jack Foster
Topic: 19305  Message: 19318

Yea I just looked the older ones no fuse bit it can be fixed and there are several of us on here that can
On Dec 13, 2011 4:35 PM, "phil_ad5x" <ad5x@...> wrote:

> Unnfortunately there is no fuse on that tuner port, and it is very easy to
> blow the tiny trace - I've done it. And it is also difficult to repair,
> but it can be done with care - again, I've done it.
>
> Phil - AD5X
>
> --- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...>
> wrote:
> >
> > Thanks for your interest. I believe that tuner power connector is not
> > protected by a replacable fuse. As far as I can tell from the user manual
> > and the service manual, there is one replacable fuse inside the 706 MkII,
> > and that is a 4 A fuse which protects the entire radio except the PA.
> >
> >
> > Dang, wish I hadn't lost track of my manual...
> >
> > I had a concern when I hooked up my SGC tuner. From what I recall, the
> > tuner port is protected by an internal 1A fuse.
> >
> > Kurt
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19319. IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 04:31:20 UTC
From: Bob
Topic: 19319  Message: 19319

Has anyone reloaded or updated the firmware in an IC706mk2G? We have two radios where the TUNE button will not activate the AH4 antenna tuner. All other functions of the radio appear to work ok.
All voltages and circuitry to and including the 4 pin socket have been checked ok. The tuner works fine with another radio.It would appear that there is a problem with the processor on the main board. Any help would be appreciated. Bob ZL2RP.

# 19320. Re: [ic706] IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 04:59:00 UTC
From: jimderra@yahoo.com
Topic: 19319  Message: 19320

Is the setting in the main menu set to the tuner?

Connected by DROID on Verizon Wireless

-----Original message-----
From: Bob <zl2rp@...>
To: ic706@yahoogroups.com
Sent: Wed, Dec 14, 2011 04:31:45 GMT+00:00
Subject: [ic706] IC706mk2G Firmware Reload

Has anyone reloaded or updated the firmware in an IC706mk2G? We have two radios where the TUNE button will not activate the AH4 antenna tuner. All other functions of the radio appear to work ok.
All voltages and circuitry to and including the 4 pin socket have been checked ok. The tuner works fine with another radio.It would appear that there is a problem with the processor on the main board. Any help would be appreciated. Bob ZL2RP.

[Non-text portions of this message have been removed]

# 19321. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 08:03:05 UTC
From: gunnystungun
Topic: 19319  Message: 19321

internal switches in tuner:

S1=A S2=D

--- In ic706@yahoogroups.com, "jimderra@..." <jim.derra@...> wrote:
>
> Is the setting in the main menu set to the tuner?
>
> Connected by DROID on Verizon Wireless
>
> -----Original message-----
> From: Bob <zl2rp@...>
> To: ic706@yahoogroups.com
> Sent: Wed, Dec 14, 2011 04:31:45 GMT+00:00
> Subject: [ic706] IC706mk2G Firmware Reload
>
> Has anyone reloaded or updated the firmware in an IC706mk2G? We have two
> radios where the TUNE button will not activate the AH4 antenna tuner. All
> other functions of the radio appear to work ok.
> All voltages and circuitry to and including the 4 pin socket have been
> checked ok. The tuner works fine with another radio.It would appear that
> there is a problem with the processor on the main board. Any help would be
> appreciated. Bob ZL2RP.
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19322. Re: [ic706] Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 14:55:06 UTC
From: jimderra@yahoo.com
Topic: 19319  Message: 19322

The main menu on the radio.

Connected by DROID on Verizon Wireless

-----Original message-----
From: gunnystungun <kg4mlo@...>
To: ic706@yahoogroups.com
Sent: Wed, Dec 14, 2011 08:13:41 GMT+00:00
Subject: [ic706] Re: IC706mk2G Firmware Reload

internal switches in tuner:

S1=A S2=D

--- In ic706@yahoogroups.com, "jimderra@..." <jim.derra@...> wrote:
>
> Is the setting in the main menu set to the tuner?
>
> Connected by DROID on Verizon Wireless
>
> -----Original message-----
> From: Bob <zl2rp@...>
> To: ic706@yahoogroups.com
> Sent: Wed, Dec 14, 2011 04:31:45 GMT+00:00
> Subject: [ic706] IC706mk2G Firmware Reload
>
> Has anyone reloaded or updated the firmware in an IC706mk2G? We have two
> radios where the TUNE button will not activate the AH4 antenna tuner. All

> other functions of the radio appear to work ok.
> All voltages and circuitry to and including the 4 pin socket have been
> checked ok. The tuner works fine with another radio.It would appear that
> there is a problem with the processor on the main board. Any help would be

> appreciated. Bob ZL2RP.
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19323. Re: [ic706] Re: 13VDC not available at tuner connector

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 15:04:55 UTC
From: Mark Brueggemann
Topic: 19305  Message: 19323

--- On Mon, 12/12/11, Philip <philiploudin@...> wrote:

> I've had the radio open and examined the where the tuner
> connector connects to the PA board.

I recall the actual trace that opened up was closer to the center of the PA board, not immediately adjacent to the tuner connector.

> I don't see any obvious damage... certainly no soot.

Mine went in a spectacular way. At the time I had no idea what was happening as everything seemed to be operating normally, while the car smelled like burning electronics.

> I was guessing that the damage was on the underside of the board,
> but I'm not sure.

This isn't rocket science. Get the service docs for your version of PWB and trace the thing out. If you find that the trace is open somewhere inaccessible, just put a jumper in where you can. For extra credit, make the jumper a 1 amp picofuse.

> Was your problem with the accessory connector or the tuner
> connector?

Tuner. I was using the 12V from there to operate my screwdriver antenna (under 1 amp). The cable got crushed under the vehicle and shorted out.

> my radio is the MkII. Is yours a MkIIG?

MkIIG.

Mark K5LXP
Albuquerque, NM

# 19324. Re: [ic706] Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 17:29:15 UTC
From: Jared
Topic: 19319  Message: 19324

What firmware version is on it now?

Sent from my iPhone

# 19325. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 18:30:40 UTC
From: n0sya
Topic: 19319  Message: 19325

706s can have their firmware updated??

Chris

# 19326. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 20:59:17 UTC
From: Bob
Topic: 19319  Message: 19326

Hi, the switches referred to apear to be only in the AT-180 tuner, I do not have one to try, my problems are with the AH-4 tuner which uses a different port into the radio.

--- In ic706@yahoogroups.com, "gunnystungun" <kg4mlo@...> wrote:
>
> internal switches in tuner:
>
> S1=A S2=D
>
> --- In ic706@yahoogroups.com, "jimderra@" <jim.derra@> wrote:
> >
> > Is the setting in the main menu set to the tuner?
> >
> > Connected by DROID on Verizon Wireless
> >
> > -----Original message-----
> > From: Bob <zl2rp@>
> > To: ic706@yahoogroups.com
> > Sent: Wed, Dec 14, 2011 04:31:45 GMT+00:00
> > Subject: [ic706] IC706mk2G Firmware Reload
> >
> > Has anyone reloaded or updated the firmware in an IC706mk2G? We have two
> > radios where the TUNE button will not activate the AH4 antenna tuner. All
> > other functions of the radio appear to work ok.
> > All voltages and circuitry to and including the 4 pin socket have been
> > checked ok. The tuner works fine with another radio.It would appear that
> > there is a problem with the processor on the main board. Any help would be
> > appreciated. Bob ZL2RP.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19327. Re: [ic706] Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 21:07:47 UTC
From: Jack Foster
Topic: 19319  Message: 19327

That would be a new one on me, I was told it had to go to icom for that and
they have no updates
On Dec 14, 2011 10:30 AM, "n0sya" <n0sya@...> wrote:

> 706s can have their firmware updated??
>
> Chris
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19328. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 21:09:06 UTC
From: Bob
Topic: 19319  Message: 19328

Hi, I do not Know, I have not found any information on how to access it.

--- In ic706@yahoogroups.com, Jared <jaredmcg@...> wrote:
>
> What firmware version is on it now?
>
> Sent from my iPhone
>

# 19329. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 21:17:00 UTC
From: Bob
Topic: 19319  Message: 19329

Hi, from search on the web it would appear that the firm ware can be corrupted if so it would have to be reloaded even if there are no updates.

--- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@...> wrote:
>
> That would be a new one on me, I was told it had to go to icom for that and
> they have no updates
> On Dec 14, 2011 10:30 AM, "n0sya" <n0sya@...> wrote:
>
> > 706s can have their firmware updated??
> >
> > Chris
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19330. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-14 21:35:41 UTC
From: Wayne Bowyer
Topic: 19319  Message: 19330

Methinks an owner performed 706 firmware upgrade involves special concoctions of rare and esoteric transistors, diodes and IC's, mixed up together in a simmering black pot of circuit etching solution. The 706 owner then dips his 706 in the bubbling mass and recites the Icom POA (Pledge of Allegiance).

That's all there is to it! (plus a check to Icom for $200)

[Non-text portions of this message have been removed]

# 19331. Re: IC706mk2G Firmware Reload

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-15 18:10:08 UTC
From: n0sya
Topic: 19319  Message: 19331

Oh this'll be easy! I am off to update my 706!

Chris

# 19332. Cleaning up the 706 faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-15 21:22:57 UTC
From: Twin Cities Dude
Topic: 19332  Message: 19332

Does anyone know how to clean up the faceplate appearance. There are scratches on the display and main tuning dial.

# 19333. Re: Cleaning up the 706 faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-16 14:30:39 UTC
From: Jared
Topic: 19332  Message: 19333

Use liquid neverdull on the plastic to remove scratches. Put the blue painters tape over the printing so you don't remove the 706 from above the display. It will take some time depending on how deep the scratches are...it will amaze you. It will eventually look new. JP

Sent from my iPhone

# 19334. Cleaning up the 706 faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-16 14:39:24 UTC
From: LEWIS
Topic: 19332  Message: 19334

try a little toothpast and cloth

# 19335. FM receive mode off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-20 20:29:28 UTC
From: Ralph
Topic: 19335  Message: 19335

I have an Icom 706MK2G and everything seems to be ok on the frequency except the FM receive. I am sure my test set is ok as it is an HP 8924C and WWV at 20 mhz is right on frequency.

The transmitt frequency on FM is 200hz or less. The best 12 db sinad for FM is about 2 KHz off frequency. That is at 146 MHz.
The SSB,CW, and RTTY all seem to be off set the correct ammount on receive.

Is there a seperate adjustment for the FM receive only ?

The so called service manual that I downloaded does not seem to mention it.

# 19336. Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 02:14:31 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19336

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

# 19337. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 15:26:02 UTC
From: John Geiger
Topic: 19336  Message: 19337

Maybe turn off the preamp? That might draw some current.

73s John AA5JG

----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 2:14 AM
Subject: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

[Non-text portions of this message have been removed]

# 19338. RE: EXTERNAL: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 15:33:32 UTC
From: Lefczik, Larry D
Topic: 19336  Message: 19338

Remember that the 706 draws current when turned "OFF". Disconnect from the battery when not in use.

Have a great 2012,
NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of w8joe@...
Sent: Thursday, December 29, 2011 9:15 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

---

Yahoo! Groups Links

# 19339. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 15:54:18 UTC
From: Mike Rodgers
Topic: 19336  Message: 19339

You might try the hf pack group or even the 703 group might have more experience in this subject.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Dec 29, 2011, at 8:14 PM, "w8joe@..." <w8joe@...> wrote:

> Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"
>
> I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.
>
> My rig is an original IC706. Serial no. 6xxx.
>
> Thanks for any suggestions you may have.
>
> Joe N8TI.
>
>

[Non-text portions of this message have been removed]

# 19340. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 16:02:27 UTC
From: Larry J. Ford
Topic: 19336  Message: 19340

The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).

A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.

On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).

The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Thursday, December 29, 2011 9:14 PM
Subject: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

[Non-text portions of this message have been removed]

# 19341. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 16:06:57 UTC
From: John Geiger
Topic: 19336  Message: 19341

Hi Larry,

I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.

73s John AA5JG
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 4:02 PM
Subject: Re: [ic706] Hints on reducing current drain for portable use

The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).

A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.

On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).

The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Thursday, December 29, 2011 9:14 PM
Subject: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19342. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 17:29:56 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19342

Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.

Jpe
--- In ic706@yahoogroups.com, "John Geiger" <aa5jg@...> wrote:
>
> Hi Larry,
>
> I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.
>
> 73s John AA5JG
> ----- Original Message -----
> From: Larry J. Ford
> To: ic706@yahoogroups.com
> Sent: Friday, December 30, 2011 4:02 PM
> Subject: Re: [ic706] Hints on reducing current drain for portable use
>
>
>
> The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).
>
> A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.
>
> On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).
>
> The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: w8joe@...

> To: ic706@yahoogroups.com
> Sent: Thursday, December 29, 2011 9:14 PM
> Subject: [ic706] Hints on reducing current drain for portable use
>
> Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"
>
> I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.
>
> My rig is an original IC706. Serial no. 6xxx.
>
> Thanks for any suggestions you may have.
>
> Joe N8TI.
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19343. Delayed rx audio at turn on.

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 17:34:34 UTC
From: n0sya
Topic: 19343  Message: 19343

Hi gang, has anyone ever run across a situation where a 706 (original flavor in my case) turns on but there may not be any audio forthcoming till a few seconds/minutes after turn on? The rig will tx and has rx activity on the smeter but no sound. After the audio comes around the rig operates normally. Any help appreciated,

Chris

# 19344. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 17:50:05 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19344

Turning off preamp got receive current drain down to 1.085 amps. Radio uses .05 amps when turned off.

I agree that the current draw is too high for an extended portable operation, but I believe it should last a couple of hours using QRP CW with CW transmitting about 10% of time. The FT 817 draws about .4 or .5 amps on receive. That difference would be important even if you wanted to use the rig for more than three or four hours.

The LDG antenna tuner and the rig draw a surge of about 1.6 amps at start up for about 2 seconds, then settle down.

Any other thoughts would be appreciated. Probably a battery booster would be a good thing or some form of solar panel if one was available to make up the difference.

Joe

--- In ic706@yahoogroups.com, "w8joe@..." <w8joe@...> wrote:
>
>
> Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.
>
> Jpe
> --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> >
> > Hi Larry,
> >
> > I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.
> >
> > 73s John AA5JG
> > ----- Original Message -----
> > From: Larry J. Ford
> > To: ic706@yahoogroups.com
> > Sent: Friday, December 30, 2011 4:02 PM
> > Subject: Re: [ic706] Hints on reducing current drain for portable use
> >
> >
> >
> >
> > The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).
> >
> > A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I

believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.
> >
> > On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).
> >
> > The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: w8joe@
> > To: ic706@yahoogroups.com
> > Sent: Thursday, December 29, 2011 9:14 PM
> > Subject: [ic706] Hints on reducing current drain for portable use
> >
> > Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"
> >
> > I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.
> >
> > My rig is an original IC706. Serial no. 6xxx.
> >
> > Thanks for any suggestions you may have.
> >
> > Joe N8TI.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19345. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 17:55:12 UTC
From: Ralph Mowery
Topic: 19336  Message: 19345

The preamp makes a big 20 ma differance.  Mostly the drain of the LED.

One thing not mentioned and I have not tried it, but it is reported that the 706 does not transmitt well if the voltage is somewhat low.  YOu may want to run some tests with the batteries near the end of charge voltage.

As others have mentioned, the 706 is not a good rig to run portable off batteries.

--- On Fri, 12/30/11, w8joe@... <w8joe@rocketmail.com> wrote:

From: w8joe@... <w8joe@...>
Subject: [ic706] Re: Hints on reducing current drain for portable use
To: ic706@yahoogroups.com
Date: Friday, December 30, 2011, 12:29 PM

Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.

Jpe

[Non-text portions of this message have been removed]

# 19346. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 18:05:49 UTC
From: Larry J. Ford
Topic: 19336  Message: 19346

Well, I still believe it wasn't designed for true QRP, whether in the shack or not, and definitely NOT designed for portable, battery-powered QRP operations.

It simply does not compare to purpose-designed, QRP rigs like the Yaesu 871 or even the 703. Of course, you can turn the power down to 5 watts or less and use it (probably still draws more current than that a true QRP rig on 5 watts), and I've done it a lot on 60 meters, but that, in and of itself, does not make it a "QRP-designed" rig.

Heck, I can turn my 7200 down to 5 watts or less, and it still doesn't make it a "QRP" rig in the strict sense.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 11:06 AM
Subject: Re: [ic706] Hints on reducing current drain for portable use

Hi Larry,

I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.

73s John AA5JG
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 4:02 PM
Subject: Re: [ic706] Hints on reducing current drain for portable use

The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).

A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.

On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a

hamfest!).

The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Thursday, December 29, 2011 9:14 PM
Subject: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19347. Re: [ic706] Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 18:11:16 UTC
From: Larry J. Ford
Topic: 19336  Message: 19347

The big differences between the "original" 706 and the 706MKII (that I can discern) are;

1. 20 watts on two meters for the MKII vs. 10 for the 706;
2. The MKII will command the AH-4 autotuner to tune on 6 meters, whereas the 706 cannot.
3. You can add the "AF" DSP module to the MKII, but not the 706. [1]
4. The MKII will accept two filters, not just one like the 706.

Larry J. Ford
KG4GPJ

[1] The "AF" based DSP in the MKII pales in comparison to true "IF" DSP in the 7200 and other ICOM models. Of course, it's a couple of generations later technology than the late '90s DSP technology.

----- Original Message -----
From: John Geiger
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 11:06 AM
Subject: Re: [ic706] Hints on reducing current drain for portable use

Hi Larry,

I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.

73s John AA5JG
----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 4:02 PM
Subject: Re: [ic706] Hints on reducing current drain for portable use

The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).

A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.

On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a

hamfest!).

The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Thursday, December 29, 2011 9:14 PM
Subject: [ic706] Hints on reducing current drain for portable use

Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"

I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.

My rig is an original IC706. Serial no. 6xxx.

Thanks for any suggestions you may have.

Joe N8TI.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19348. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 18:15:35 UTC
From: Larry J. Ford
Topic: 19336  Message: 19348

Ralph Mowery wrote: "As others have mentioned, the 706 is not a good rig to run portable off batteries."

Not exactly. If the battery is big enough, it runs fine off batteries in the field, and I've done it a number of times. Of course, I'm using at least a 75 AH marine battery and I don't expect a full 100 watts output.

Anywhere from 20 to 75 watts generally works fine for the HF NVIS deployments I use it for, and the battery will do that all day long.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Friday, December 30, 2011 12:55 PM
Subject: Re: [ic706] Re: Hints on reducing current drain for portable use

The preamp makes a big 20 ma differance. Mostly the drain of the LED.

One thing not mentioned and I have not tried it, but it is reported that the 706 does not transmitt well if the voltage is somewhat low. YOu may want to run some tests with the batteries near the end of charge voltage.

As others have mentioned, the 706 is not a good rig to run portable off batteries.

--- On Fri, 12/30/11, w8joe@... <w8joe@...> wrote:

From: w8joe@... <w8joe@...>
Subject: [ic706] Re: Hints on reducing current drain for portable use
To: ic706@yahoogroups.com
Date: Friday, December 30, 2011, 12:29 PM

Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.

Jpe

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19349. Happy New Year 2012 to the list

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 18:38:31 UTC
From: Don
Topic: 19349  Message: 19349

Happy New Year 2012 to the list

GA, just wanted to wish all list members and their families a very Happy New Year 2012!
Hope to see some of you on the bands in 2012.

Don KB9UMT
http://www.30mdg.net (30 Meter Digital Group)

# 19350. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-30 22:50:48 UTC
From: Mike Rodgers
Topic: 19336  Message: 19350

Ldg tuner. Some ldg tuners have the ability to go self powered providing you install the AA pack. I believe it's latching relays that require no dc power after tune which is what you want.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Dec 30, 2011, at 11:50 AM, "w8joe@..." <w8joe@...> wrote:

> Turning off preamp got receive current drain down to 1.085 amps. Radio uses .05 amps when turned off.
>
> I agree that the current draw is too high for an extended portable operation, but I believe it should last a couple of hours using QRP CW with CW transmitting about 10% of time. The FT 817 draws about .4 or .5 amps on receive. That difference would be important even if you wanted to use the rig for more than three or four hours.
>
> The LDG antenna tuner and the rig draw a surge of about 1.6 amps at start up for about 2 seconds, then settle down.
>
> Any other thoughts would be appreciated. Probably a battery booster would be a good thing or some form of solar panel if one was available to make up the difference.
>
> Joe
>
> --- In ic706@yahoogroups.com, "w8joe@..." <w8joe@...> wrote:
> >
> >
> > Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.
> >
> > Jpe
> > --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> > >
> > > Hi Larry,
> > >
> > > I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.

> > >
> > > 73s John AA5JG
> > > ----- Original Message -----
> > > From: Larry J. Ford
> > > To: ic706@yahoogroups.com
> > > Sent: Friday, December 30, 2011 4:02 PM
> > > Subject: Re: [ic706] Hints on reducing current drain for portable use
> > >
> > >
> > >
> > > The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).
> > >
> > > A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.
> > >
> > > On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).
> > >
> > > The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > > ----- Original Message -----
> > > From: w8joe@
> > > To: ic706@yahoogroups.com
> > > Sent: Thursday, December 29, 2011 9:14 PM
> > > Subject: [ic706] Hints on reducing current drain for portable use
> > >
> > > Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"
> > >
> > > I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.
> > >
> > > My rig is an original IC706. Serial no. 6xxx.
> > >
> > > Thanks for any suggestions you may have.
> > >
> > > Joe N8TI.
> > >
> > > [Non-text portions of this message have been removed]

> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>
>

[Non-text portions of this message have been removed]

# 19351. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-31 03:57:30 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19351

With regard to using the 706 for QRP Portable use, I was just doing the "use what you got" thing. As I was planning to go outside and set up on a picnic table in a park or a rest area and would only need a few hours of operation, I figured that using the rig I have is better than spending $650 on a new rig or not going at all. Plus, that 706 has served me well. Took it to Costa Rica in the 90's and it worked without a hitch. Sort of become attached to it.

I am going to test it with the battery on Straight Key Night and will see how long it lasts. I saw where 7 amh batteries cost about $20 delivered, so I can always have two and lug the extra five pounds.

Another rig I would like to try portable is my FT-101. Maybe hook that up to a tractor battery and do some portable AM. Half the fun is figuring out how to do it, after all.

Joe
--- In ic706@yahoogroups.com, MikeRodgers <mikerodgerske5gbc@...> wrote:
>
> Ldg tuner. Some ldg tuners have the ability to go self powered providing you install the AA pack. I believe it's latching relays that require no dc power after tune which is what you want.
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>
> On Dec 30, 2011, at 11:50 AM, "w8joe@..." <w8joe@...> wrote:
>
> > Turning off preamp got receive current drain down to 1.085 amps. Radio uses .05 amps when turned off.
> >
> > I agree that the current draw is too high for an extended portable operation, but I believe it should last a couple of hours using QRP CW with CW transmitting about 10% of time. The FT 817 draws about .4 or .5 amps on receive. That difference would be important even if you wanted to use the rig for more than three or four hours.
> >
> > The LDG antenna tuner and the rig draw a surge of about 1.6 amps at start up for about 2 seconds, then settle down.
> >
> > Any other thoughts would be appreciated. Probably a battery booster would be a good thing or some form of solar panel if one was available to make up the difference.
> >
> > Joe
> >

> > --- In ic706@yahoogroups.com, "w8joe@" <w8joe@> wrote:
> > >
> > >
> > > Well, I got it down to 1.15 amps on receive. I have not tried the pre-amp trick yet, so that's not too bad. Puts out three watts on transmit, drawing about 6 amps.
> > >
> > > Jpe
> > > --- In ic706@yahoogroups.com, "John Geiger" <aa5jg@> wrote:
> > > >
> > > > Hi Larry,
> > > >
> > > > I think you mean suited to QRP portable operations. Works fine as a QRP rig in the shack. You can turn the power down to 2 or 3 watts, and have a blast. I have probably worked 15 or 20 countries on QRP in the past few months with mine, although I usually run it at QRO (100 watts). How does the MKII compare with the original? It is a huge step up? I have the original and really like it.
> > > >
> > > > 73s John AA5JG
> > > > ----- Original Message -----
> > > > From: Larry J. Ford
> > > > To: ic706@yahoogroups.com
> > > > Sent: Friday, December 30, 2011 4:02 PM
> > > > Subject: Re: [ic706] Hints on reducing current drain for portable use
> > > >
> > > >
> > > >
> > > > The 706 was not really designed for QRP operations, and draws far too much current, even when not transmitting (almost 2 amps on receive, according to the manual).
> > > >
> > > > A friend trying operating QRP from the floor of the Grand Canyon using CW, and, I believe, a 7 or 8 AH gel cell battery, which he intended to recharge with a portable solar panel. The 706 just drained the battery too quickly, severely limiting his operating time, and challenging the ability of the solar panel to recharge the battery. As a very experienced operator, I'm sure he did all the tricks you've mentioned to cut down on current drain.
> > > >
> > > > On his next deployment (he's with the US Fish & Wildlife Division, and gets assigned to 2-week stints down in the Grand Canyon to survey fish populations in the Colorado River), he took a rig designed for QRP operations, a Yaesu 817-ND (which he conveniently won at a hamfest!).
> > > >
> > > > The 706 is a great rig (I have two, and "original" 706, and a 706MKII), but not very well suited to QRP operations, IMHO.
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > > ----- Original Message -----
> > > > From: w8joe@
> > > > To: ic706@yahoogroups.com
> > > > Sent: Thursday, December 29, 2011 9:14 PM

> > > > Subject: [ic706] Hints on reducing current drain for portable use
> > > >
> > > > Does anyone have ideas on how to reduce the current drain used by the IC706 when using it "backpack mobile?"
> > > >
> > > > I have turned off the backlight display and set the CW mode to full break-in (0 sec. Delay). Any other hints? I will be running 3 watts CW QRP. Using a gel cell and want to keep weight down batterywise.
> > > >
> > > > My rig is an original IC706. Serial no. 6xxx.
> > > >
> > > > Thanks for any suggestions you may have.
> > > >
> > > > Joe N8TI.
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19352. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-31 17:29:12 UTC
From: Mark Brueggemann
Topic: 19336  Message: 19352

--- On Fri, 12/30/11, w8joe@... <w8joe@...> wrote:

> With regard to using the 706 for QRP Portable use, I was
> just doing the "use what you got" thing.

On occasion I use my 706 portable with a 7Ah gel, running 5W out CW. The rig draws what has been reported here, and amp and change on RX, and about 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W transmit than the 706 does on receive, and it's not hard to decide it's not the optimum choice for backpack operation. It's self defeating to have to carry large batteries to run a power hungry radio.

But I get the "run what ya brung" thing, and I can attest it's certainly doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah gel before the rig gives up due to low voltage. That doesn't give you much in terms of operating time especially if you had to hike the thing in any appreciable distance. If it's operating in a park or whatever, larger or more batteries are an option, or better yet plug directly into the car.

Mark K5LXP
Albuquerque, NM

# 19353. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2011-12-31 22:30:56 UTC
From: vk5zuc
Topic: 19336  Message: 19353

Happy new Year all,

I have used my 706 original for portable use at the 100W level.
As RX is about 80 to 90% of duty cycle for me that is the power budget.
You can drain an aging car battery overnight.
The minimum current drain on RX is about 1 amp with the back light off.
A 75AH gellcell on a trolley works well but is getting heavier each year.
A 40w solar panel can keep a smaller 20AH gell battery going as it will cover the RX current.
The latest is a 20AH LiFePo battery. Lighter smaller and possibly cheaper.
http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
This holds the Volts up to the end but needs a cutout at 11V. No sag at 20A either.
The 706 is more tolerant of low voltage than my FT100.

Andrew

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
> --- On Fri, 12/30/11, w8joe@... <w8joe@...> wrote:
>
> > With regard to using the 706 for QRP Portable use, I was
> > just doing the "use what you got" thing.
>
> On occasion I use my 706 portable with a 7Ah gel, running 5W out CW. The rig draws what has been reported here, and amp and change on RX, and about 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W transmit than the 706 does on receive, and it's not hard to decide it's not the optimum choice for backpack operation. It's self defeating to have to carry large batteries to run a power hungry radio.
>
> But I get the "run what ya brung" thing, and I can attest it's certainly doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah gel before the rig gives up due to low voltage. That doesn't give you much in terms of operating time especially if you had to hike the thing in any appreciable distance. If it's operating in a park or whatever, larger or more batteries are an option, or better yet plug directly into the car.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 19354. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-02 04:24:47 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19354

Well, here is what happened when I used the 7amh battery on CW:

I called CQ for a while at 3 watts and was not getting any takers, so I cranked the 706 up to 30 watts or so. It could have been more, as I had it at power level 5, but I was relying on the led's on the tuner. It was drawing about 10 amps at that output. I immediately got a reply and had a ten minute conversation, maybe a little longer.

After that I just left the radio on and waited for it to die. It shut off for lack of power after a little over 2 1/2 hours from turn on.

So, I was happy that it worked at power level 5 with the one battery. But, any sort of high power operation would not really work with just the 7 amh battery.
I believe that two batteries would allow me a three hour portable operation even at power level 5, which is what I was looking for. Amazon was selling the batteries for $18.00 delivered, so I ordered one. I will be working portable next weekend and will see how it actually does in the field.

Joe
--- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>T
> Happy new Year all,
>
> I have used my 706 original for portable use at the 100W level.
> As RX is about 80 to 90% of duty cycle for me that is the power budget.
> You can drain an aging car battery overnight.
> The minimum current drain on RX is about 1 amp with the back light off.
> A 75AH gellcell on a trolley works well but is getting heavier each year.
> A 40w solar panel can keep a smaller 20AH gell battery going as it will cover the RX current.
> The latest is a 20AH LiFePo battery. Lighter smaller and possibly cheaper.
> http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> This holds the Volts up to the end but needs a cutout at 11V. No sag at 20A either.
> The 706 is more tolerant of low voltage than my FT100.
>
> Andrew
>
>
>
>
>
> --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> >
> > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> >
> > > With regard to using the 706 for QRP Portable use, I was
> > > just doing the "use what you got" thing.

> >
> > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW. The rig draws what has been reported here, and amp and change on RX, and about 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W transmit than the 706 does on receive, and it's not hard to decide it's not the optimum choice for backpack operation. It's self defeating to have to carry large batteries to run a power hungry radio.
> >
> > But I get the "run what ya brung" thing, and I can attest it's certainly doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah gel before the rig gives up due to low voltage. That doesn't give you much in terms of operating time especially if you had to hike the thing in any appreciable distance. If it's operating in a park or whatever, larger or more batteries are an option, or better yet plug directly into the car.
> >
> >
> > Mark K5LXP
> > Albuquerque, NM
> >
>

# 19355. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-02 13:53:22 UTC
From: LARRY J. FORD
Topic: 19336  Message: 19355

The real question is what voltage reading did you discharge the battery down to?

Most batteries specify a certain voltage (10.5 v?) not to discharge below. Damage to the battery supposedly occurs if discharged below that voltage.

Of course, the 706 should shut-off before that critical voltage is reached.

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 01 Jan 2012 11:25:08 PM EST
From: "w8joe@..." <w8joe@rocketmail.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Hints on reducing current drain for portable use

>
> Well, here is what happened when I used the 7amh battery on CW:
>
> I called CQ for a while at 3 watts and was not getting any takers, so I cranked the 706 up to 30 watts or so. It could have been more, as I had it at power level 5, but I was relying on the led's on the tuner. It was drawing about 10 amps at that output. I immediately got a reply and had a ten minute conversation, maybe a little longer.
>
> After that I just left the radio on and waited for it to die. It shut off for lack of power after a little over 2 1/2 hours from turn on.
>
> So, I was happy that it worked at power level 5 with the one battery. But, any sort of high power operation would not really work with just the 7 amh battery.
> I believe that two batteries would allow me a three hour portable operation even at power level 5, which is what I was looking for. Amazon was selling the batteries for $18.00 delivered, so I ordered one. I will be working portable next weekend and will see how it actually does in the field.
>
> Joe
> --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
> >T
> > Happy new Year all,
> >
> > I have used my 706 original for portable use at the 100W level.
> > As RX is about 80 to 90% of duty cycle for me that is the power budget.

> > You can drain an aging car battery overnight.
> > The minimum current drain on RX is about 1 amp with the back light off.
> > A 75AH gellcell on a trolley works well but is getting heavier each year.
> > A 40w solar panel can keep a smaller 20AH gell battery going as it will
cover the RX current.
> > The latest is a 20AH LiFePo battery. Lighter smaller and possibly
cheaper.
> > http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> > This holds the Volts up to the end but needs a cutout at 11V. No sag at
20A either.
> > The 706 is more tolerant of low voltage than my FT100.
> >
> > Andrew
> >
> >
> >
> >
> >
> > --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> > >
> > > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> > >
> > > > With regard to using the 706 for QRP Portable use, I was
> > > > just doing the "use what you got" thing.
> > >
> > > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW.
The rig draws what has been reported here, and amp and change on RX, and about
6A on transmit. Contrast that with my QRP rigs, which draw less on 5W
transmit than the 706 does on receive, and it's not hard to decide it's not
the optimum choice for backpack operation. It's self defeating to have to
carry large batteries to run a power hungry radio.
> > >
> > > But I get the "run what ya brung" thing, and I can attest it's certainly
doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah
gel before the rig gives up due to low voltage. That doesn't give you much in
terms of operating time especially if you had to hike the thing in any
appreciable distance. If it's operating in a park or whatever, larger or more
batteries are an option, or better yet plug directly into the car.
> > >
> > >
> > > Mark K5LXP
> > > Albuquerque, NM
> > >
> >
>
>
>

# 19356. Unable to transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-02 20:48:14 UTC
From: asselstinepeter
Topic: 19356  Message: 19356

My 5 year old 706 will no longer transmit when depressing PTT on the mic. There is no voice but is possibly a minor buzz. Also there is no indication on the screeen of any transmission. The mic works on a friend's 706. Receive is normal. I am able to send data via my pactor modem. Any thoughts to help me resolve this would be appreciated.
Peter

# 19357. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-02 23:35:28 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19357

The 706 shut off at about 10.5 volts. So, I guess I can run it until it shuts off.

It really is a pretty nice rig once you learn all of the menus.

Power level "L" is 3 watts out on mine and level "1" is 5 watts out. So, gives a little flexibility for QRP work.

Joe.

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> The real question is what voltage reading did you discharge the battery down
> to?
>
> Most batteries specify a certain voltage (10.5 v?) not to discharge below.
> Damage to the battery supposedly occurs if discharged below that voltage.
>
> Of course, the 706 should shut-off before that critical voltage is reached.
>
> 73,
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Sun, 01 Jan 2012 11:25:08 PM EST
> From: "w8joe@..." <w8joe@...>
> To: ic706@yahoogroups.comO
> Subject: [ic706] Re: Hints on reducing current drain for portable use
>
> >
> > Well, here is what happened when I used the 7amh battery on CW:
> >
> > I called CQ for a while at 3 watts and was not getting any takers, so I
> cranked the 706 up to 30 watts or so. It could have been more, as I had it at
> power level 5, but I was relying on the led's on the tuner. It was drawing
> about 10 amps at that output. I immediately got a reply and had a ten minute
> conversation, maybe a little longer.
> >
> > After that I just left the radio on and waited for it to die. It shut off
> for lack of power after a little over 2 1/2 hours from turn on.
> >
> > So, I was happy that it worked at power level 5 with the one battery. But,
> any sort of high power operation would not really work with just the 7 amh
> battery.
> > I believe that two batteries would allow me a three hour portable operation

> even at power level 5, which is what I was looking for. Amazon was selling the
> batteries for $18.00 delivered, so I ordered one. I will be working portable
> next weekend and will see how it actually does in the field.
> >
> > Joe
> > --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> > >T
> > > Happy new Year all,
> > >
> > > I have used my 706 original for portable use at the 100W level.
> > > As RX is about 80 to 90% of duty cycle for me that is the power budget.
> > > You can drain an aging car battery overnight.
> > > The minimum current drain on RX is about 1 amp with the back light off.
> > > A 75AH gellcell on a trolley works well but is getting heavier each year.
> > > A 40w solar panel can keep a smaller 20AH gell battery going as it will
> cover the RX current.
> > > The latest is a 20AH LiFePo battery. Lighter smaller and possibly
> cheaper.
> > > http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> > > This holds the Volts up to the end but needs a cutout at 11V. No sag at
> 20A either.
> > > The 706 is more tolerant of low voltage than my FT100.
> > >
> > > Andrew
> > >
> > >
> > >
> > >
> > >
> > > --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> > > >
> > > > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> > > >
> > > > > With regard to using the 706 for QRP Portable use, I was
> > > > > just doing the "use what you got" thing.
> > > >
> > > > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW.
> The rig draws what has been reported here, and amp and change on RX, and about
> 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W
> transmit than the 706 does on receive, and it's not hard to decide it's not
> the optimum choice for backpack operation. It's self defeating to have to
> carry large batteries to run a power hungry radio.
> > > >
> > > > But I get the "run what ya brung" thing, and I can attest it's certainly
> doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah
> gel before the rig gives up due to low voltage. That doesn't give you much in
> terms of operating time especially if you had to hike the thing in any
> appreciable distance. If it's operating in a park or whatever, larger or more
> batteries are an option, or better yet plug directly into the car.
> > > >

> > > >
> > > > Mark K5LXP
> > > > Albuquerque, NM
> > > >
> > >
> >
> >
> >
>

# 19358. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 01:11:18 UTC
From: kw_perpall
Topic: 19336  Message: 19358

To eliminate the battery voltage going to low and to protect the batteries, at the cost of a few mils of current, I use an ELK 965 battery cut-off. The ELK 965 was made to be used with 12v alarm panels so that during a power failure it would disc the batteries (4 to 7 AH) from the load on low voltage rather than ruining the batteries from completely discharging them. I had to install a N.O. push button switch from the load + to the Battery + (to jump start) to make the unit think the ac was restored for it to work and connect the load to the battery. In normal operation the path to charge & connect the batteries to the load was completed when the ac was restored to the alarm panel. During portable use there is no AC power. If you feel the need for more current, have the load out operate a relay with the required current rated contacts to transfer the increased battery load.
73's
L.T. Perpall
WA4JFJ

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> The real question is what voltage reading did you discharge the battery down to?
>
> Most batteries specify a certain voltage (10.5 v?) not to discharge below.
> Damage to the battery supposedly occurs if discharged below that voltage.
>
> Of course, the 706 should shut-off before that critical voltage is reached.
>
> 73,
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Sun, 01 Jan 2012 11:25:08 PM EST
> From: "w8joe@..." <w8joe@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: Hints on reducing current drain for portable use
>
> >
> > Well, here is what happened when I used the 7amh battery on CW:
> >
> > I called CQ for a while at 3 watts and was not getting any takers, so I
> cranked the 706 up to 30 watts or so. It could have been more, as I had it at
> power level 5, but I was relying on the led's on the tuner. It was drawing
> about 10 amps at that output. I immediately got a reply and had a ten minute
> conversation, maybe a little longer.
> >
> > After that I just left the radio on and waited for it to die. It shut off
> for lack of power after a little over 2 1/2 hours from turn on.

> >
> > So, I was happy that it worked at power level 5 with the one battery. But,
> any sort of high power operation would not really work with just the 7 amh
> battery.
> > I believe that two batteries would allow me a three hour portable operation
> even at power level 5, which is what I was looking for. Amazon was selling the
> batteries for $18.00 delivered, so I ordered one. I will be working portable
> next weekend and will see how it actually does in the field.
> >
> > Joe
> > --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> > >T
> > > Happy new Year all,
> > >
> > > I have used my 706 original for portable use at the 100W level.
> > > As RX is about 80 to 90% of duty cycle for me that is the power budget.
> > > You can drain an aging car battery overnight.
> > > The minimum current drain on RX is about 1 amp with the back light off.
> > > A 75AH gellcell on a trolley works well but is getting heavier each year.
> > > A 40w solar panel can keep a smaller 20AH gell battery going as it will
> cover the RX current.
> > > The latest is a 20AH LiFePo battery. Lighter smaller and possibly
> cheaper.
> > > http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> > > This holds the Volts up to the end but needs a cutout at 11V. No sag at
> 20A either.
> > > The 706 is more tolerant of low voltage than my FT100.
> > >
> > > Andrew
> > >
> > >
> > >
> > >
> > >
> > > --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> > > >
> > > > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> > > >
> > > > > With regard to using the 706 for QRP Portable use, I was
> > > > > just doing the "use what you got" thing.
> > > >
> > > > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW.
> The rig draws what has been reported here, and amp and change on RX, and about
> 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W
> transmit than the 706 does on receive, and it's not hard to decide it's not
> the optimum choice for backpack operation. It's self defeating to have to
> carry large batteries to run a power hungry radio.
> > > >
> > > > But I get the "run what ya brung" thing, and I can attest it's certainly
> doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah

> gel before the rig gives up due to low voltage. That doesn't give you much in
> terms of operating time especially if you had to hike the thing in any
> appreciable distance. If it's operating in a park or whatever, larger or more
> batteries are an option, or better yet plug directly into the car.
> > > >
> > > >
> > > > Mark K5LXP
> > > > Albuquerque, NM
> > > >
> > >
> >
> >
> >
>

# 19359. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 03:19:46 UTC
From: Mark Brueggemann
Topic: 19336  Message: 19359

--- On Mon, 1/2/12, w8joe@... <w8joe@...> wrote:

> The 706 shut off at about 10.5 volts. So, I guess I can run
> it until it shuts off.

Right. The issue you'll run into though is there will be a point in the state of charge where you're above the voltage threshold for receive, but due to the increased current during transmit, the voltage will fall below the minimum threshold.

An expanded scale or digital voltmeter can fairly accurately show you when you've reached this point at your nominal operating currents.

Or, just key up and if it shuts off, you're already there. :-)

Mark K5LXP
Albuquerque, NM

# 19360. Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 03:43:59 UTC
From: w8joe@rocketmail.com
Topic: 19336  Message: 19360

The Elk 965 seems like a good idea. Thanks,

Joe

--- In ic706@yahoogroups.com, "kw_perpall" <perpall@...> wrote:
>
> To eliminate the battery voltage going to low and to protect the batteries, at the cost of a few mils of current, I use an ELK 965 battery cut-off. The ELK 965 was made to be used with 12v alarm panels so that during a power failure it would disc the batteries (4 to 7 AH) from the load on low voltage rather than ruining the batteries from completely discharging them. I had to install a N.O. push button switch from the load + to the Battery + (to jump start) to make the unit think the ac was restored for it to work and connect the load to the battery. In normal operation the path to charge & connect the batteries to the load was completed when the ac was restored to the alarm panel. During portable use there is no AC power. If you feel the need for more current, have the load out operate a relay with the required current rated contacts to transfer the increased battery load.
> 73's
> L.T. Perpall
> WA4JFJ
>
>
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@> wrote:
> >
> > The real question is what voltage reading did you discharge the battery down to?
> >
> > Most batteries specify a certain voltage (10.5 v?) not to discharge below.
> > Damage to the battery supposedly occurs if discharged below that voltage.
> >
> > Of course, the 706 should shut-off before that critical voltage is reached.
> >
> > 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ------ Original Message ------
> > Received: Sun, 01 Jan 2012 11:25:08 PM EST
> > From: "w8joe@" <w8joe@>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Re: Hints on reducing current drain for portable use
> >
> > >
> > > Well, here is what happened when I used the 7amh battery on CW:
> > >

> > > I called CQ for a while at 3 watts and was not getting any takers, so I
> > cranked the 706 up to 30 watts or so. It could have been more, as I had it at
> > power level 5, but I was relying on the led's on the tuner. It was drawing
> > about 10 amps at that output. I immediately got a reply and had a ten minute
> > conversation, maybe a little longer.
> > >
> > > After that I just left the radio on and waited for it to die. It shut off
> > for lack of power after a little over 2 1/2 hours from turn on.
> > >
> > > So, I was happy that it worked at power level 5 with the one battery. But,
> > any sort of high power operation would not really work with just the 7 amh
> > battery.
> > > I believe that two batteries would allow me a three hour portable operation
> > even at power level 5, which is what I was looking for. Amazon was selling the
> > batteries for $18.00 delivered, so I ordered one. I will be working portable
> > next weekend and will see how it actually does in the field.
> > >
> > > Joe
> > > --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> > > >T
> > > > Happy new Year all,
> > > > >
> > > > I have used my 706 original for portable use at the 100W level.
> > > > As RX is about 80 to 90% of duty cycle for me that is the power budget.
> > > > You can drain an aging car battery overnight.
> > > > The minimum current drain on RX is about 1 amp with the back light off.
> > > > A 75AH gellcell on a trolley works well but is getting heavier each year.
> > > > A 40w solar panel can keep a smaller 20AH gell battery going as it will
> > cover the RX current.
> > > > The latest is a 20AH LiFePo battery. Lighter smaller and possibly
> > cheaper.
> > > > http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> > > > This holds the Volts up to the end but needs a cutout at 11V. No sag at
> > 20A either.
> > > > The 706 is more tolerant of low voltage than my FT100.
> > > > >
> > > > Andrew
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> > > > > >
> > > > > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> > > > > >
> > > > > > With regard to using the 706 for QRP Portable use, I was
> > > > > > just doing the "use what you got" thing.
> > > > > >
> > > > > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW.

> > The rig draws what has been reported here, and amp and change on RX, and about
> > 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W
> > transmit than the 706 does on receive, and it's not hard to decide it's not
> > the optimum choice for backpack operation. It's self defeating to have to
> > carry large batteries to run a power hungry radio.
> > > > >
> > > > > But I get the "run what ya brung" thing, and I can attest it's certainly
> > doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah
> > gel before the rig gives up due to low voltage. That doesn't give you much in
> > terms of operating time especially if you had to hike the thing in any
> > appreciable distance. If it's operating in a park or whatever, larger or more
> > batteries are an option, or better yet plug directly into the car.
> > > > > >
> > > > > >
> > > > > > Mark K5LXP
> > > > > > Albuquerque, NM
> > > > > >
> > > > >
> > > >
> > >
> > >
> > >
> >
>

# 19361. Re: [ic706] Unable to transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 03:29:55 UTC
From: Facility 406 DM09
Topic: 19356  Message: 19361

Your test indicates the microphone and radio are OK, but the connection between the two, the plug on your radio is suspect. Does the original 706 have a mic jack in the rear (I have the MKII and MKIIg)? If so, try that, if OK, then the jack on the face is bad/damaged.

Kurt

# 19362. Re: [ic706] Re: Hints on reducing current drain for portable use

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 16:03:46 UTC
From: Larry J. Ford
Topic: 19336  Message: 19362

I don't know about the "Elk 965," but the MFJ-4416B "battery booster" has a user selectable battery voltage cut-off that will kill the device (and power to the rig) when battery voltage drops to one of three selectable voltage levels:

"There are also selectable limits on the minimum voltage that the unit will accept: 9-volts, 10-volts (default), and 11-volts. This protects you from over-discharging a battery and possibly damaging it. MFJ-4416 also includes output over-voltage crow-bar protection should regulation be lost."

I have the MFJ-4416B, but have yet to use it in a field environment, as the Wal-Mart 75 AH marine battery has provided sufficient voltage for my 706 in roughly a half-dozen field deployments over the past 3 years. Next time out, I may have to hook-up the MFJ-4416B just to see how it does.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: w8joe@...
To: ic706@yahoogroups.com
Sent: Monday, January 02, 2012 10:43 PM
Subject: [ic706] Re: Hints on reducing current drain for portable use

The Elk 965 seems like a good idea. Thanks,

Joe

--- In ic706@yahoogroups.com, "kw_perpall" <perpall@...> wrote:
>
> To eliminate the battery voltage going to low and to protect the batteries, at the cost of a few mils of current, I use an ELK 965 battery cut-off. The ELK 965 was made to be used with 12v alarm panels so that during a power failure it would disc the batteries (4 to 7 AH) from the load on low voltage rather than ruining the batteries from completely discharging them. I had to install a N.O. push button switch from the load + to the Battery + (to jump start) to make the unit think the ac was restored for it to work and connect the load to the battery. In normal operation the path to charge & connect the batteries to the load was completed when the ac was restored to the alarm panel. During portable use there is no AC power. If you feel the need for more current, have the load out operate a relay with the required current rated contacts to transfer the increased battery load.
> 73's
> L.T. Perpall
> WA4JFJ
>
>
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@> wrote:
> >

> > The real question is what voltage reading did you discharge the battery down to?
> >
> > Most batteries specify a certain voltage (10.5 v?) not to discharge below.
> > Damage to the battery supposedly occurs if discharged below that voltage.
> >
> > Of course, the 706 should shut-off before that critical voltage is reached.
> >
> > 73,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ------ Original Message ------
> > Received: Sun, 01 Jan 2012 11:25:08 PM EST
> > From: "w8joe@" <w8joe@>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Re: Hints on reducing current drain for portable use
> >
> > >
> > > Well, here is what happened when I used the 7amh battery on CW:
> > >
> > > I called CQ for a while at 3 watts and was not getting any takers, so I
> > cranked the 706 up to 30 watts or so. It could have been more, as I had it at
> > power level 5, but I was relying on the led's on the tuner. It was drawing
> > about 10 amps at that output. I immediately got a reply and had a ten minute
> > conversation, maybe a little longer.
> > >
> > > After that I just left the radio on and waited for it to die. It shut off
> > for lack of power after a little over 2 1/2 hours from turn on.
> > >
> > > So, I was happy that it worked at power level 5 with the one battery. But,
> > any sort of high power operation would not really work with just the 7 amh
> > battery.
> > > I believe that two batteries would allow me a three hour portable operation
> > even at power level 5, which is what I was looking for. Amazon was selling the
> > batteries for $18.00 delivered, so I ordered one. I will be working portable
> > next weekend and will see how it actually does in the field.
> > >
> > > Joe
> > > --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@> wrote:
> > > >T
> > > > Happy new Year all,
> > > >
> > > > I have used my 706 original for portable use at the 100W level.
> > > > As RX is about 80 to 90% of duty cycle for me that is the power budget.
> > > > You can drain an aging car battery overnight.
> > > > The minimum current drain on RX is about 1 amp with the back light off.
> > > > A 75AH gellcell on a trolley works well but is getting heavier each year.
> > > > A 40w solar panel can keep a smaller 20AH gell battery going as it will
> > cover the RX current.

> > > > The latest is a 20AH LiFePo battery. Lighter smaller and possibly
> > cheaper.
> > > > http://www.evpower.com.au/-12V-LiFePO4-Batteries-.html
> > > > This holds the Volts up to the end but needs a cutout at 11V. No sag at
> > 20A either.
> > > > The 706 is more tolerant of low voltage than my FT100.
> > > >
> > > > Andrew
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> > > > >
> > > > > --- On Fri, 12/30/11, w8joe@ <w8joe@> wrote:
> > > > >
> > > > > > With regard to using the 706 for QRP Portable use, I was
> > > > > > just doing the "use what you got" thing.
> > > > >
> > > > > On occasion I use my 706 portable with a 7Ah gel, running 5W out CW.
> > The rig draws what has been reported here, and amp and change on RX, and about
> > 6A on transmit. Contrast that with my QRP rigs, which draw less on 5W
> > transmit than the 706 does on receive, and it's not hard to decide it's not
> > the optimum choice for backpack operation. It's self defeating to have to
> > carry large batteries to run a power hungry radio.
> > > > >
> > > > > But I get the "run what ya brung" thing, and I can attest it's certainly
> > doable. With probably a 20/80 duty cycle I get at least an hour out of a 7Ah
> > gel before the rig gives up due to low voltage. That doesn't give you much in
> > terms of operating time especially if you had to hike the thing in any
> > appreciable distance. If it's operating in a park or whatever, larger or more
> > batteries are an option, or better yet plug directly into the car.
> > > > >
> > > > >
> > > > > Mark K5LXP
> > > > > Albuquerque, NM
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > >
>

[Non-text portions of this message have been removed]

# 19363. Re: [ic706] Unable to transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-03 21:04:01 UTC
From: Peter Asselstine
Topic: 19356  Message: 19363

Kurt you are absolutely correct, I am now able to get out as clear as ever. Somehow I need to get this repaired but probably won't be able to until I return from the Caribbean.
Now that I have an interested party though, any thoughts as to why on 20 metres my radio shuts off using full power but at 50 or 60% it works fine. It does not shut off at 60 or 80 meters on full power. I am a maritime mobile. Should I start a new thread?
Peter

---
From: Facility 406 DM09 <facility_406@earthlink.net>
To: ic706@yahoogroups.com
Sent: Monday, January 2, 2012 9:29 PM
Subject: Re: [ic706] Unable to transmit

Your test indicates the microphone and radio are OK, but the connection between the two, the plug on your radio is suspect.  Does the original 706 have a mic jack in the rear (I have the MKII and MKIIg)?  If so, try that, if OK, then the jack on the face is bad/damaged.

Kurt

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19364. Re: [ic706] Unable to transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-04 04:13:21 UTC
From: Facility 406 DM09
Topic: 19356  Message: 19364

"Kurt you are absolutely correct, I am now able to get out as clear as ever."

I was thinking about your problem, I wonder if there is some debris in the connection on the radio? Possibly something on the plug on the end of the mic cord and got shoved into the connection, or something fell into the connection and got mashed when you put in the mic. Inspect it closely, use a light, see if you see anything. Myself, I would CAREFULLY, so as to not snag the pins, use a q-tip moistened with rubbing alcohol and wipe off the pins in the connector, same on the mic side. These are gold plated, so you won't have oxidation problems, primarily debris, secondly, mechanical damage from a hard object getting jammed inside. Be careful not to push down on the pins on the radio side and make them loose if you do this.

"Now that I have an interested party though, any thoughts as to why on 20 metres my radio shuts off using full power but at 50 or 60% it works fine. It does not shut off at 60 or 80 meters on full power."

I can't comment on the 60m or 80m problem just yet, but I did have a 706 series that shut down many times while in an exciting QSO on 20m!

The 706 series has a notoriously bad power connector, regardless of the model or year made. On the radio side you have a 6-pin Molex type connector. I say type, because it's not a Molex, it just looks like one. I checked with Molex when the 706 came out and for several years during production, they did not have such a connector, although they MIGHT now...

On the radio side is the pins or male side of the connection, on the cable side the female part of the connection.

The female side is a rolled piece of flat stock. It is open along the edge. Due to both mechanical and thermal forces, the female side opens up. Instead of 100% of the intended surface area making contact, it becomes less and less with connecting and disconnecting, which results in more current through a smaller surface area, which results in heat, resulting in more expansion, resulting in fatigue and at times arcing and oxidation. This results in loss of voltage and current feeding the radio. When receiving, it is OK (when it works) as the current draw is very little. At lower TX powers, it may appear OK. As you increase the power output, more current is drawn and the radio eventually shuts down on TX.

In the past I have taken the connector apart several times and re-rolled the female side of the connector, but after a half dozen times far too much damage was done and I couldn't salvage it.

New power cords are available online and in the radio mags, cost is about $15.

Eventually I solved the problem permanently.

I replaced the power connector entirely. I used two sheets of fiberglass to fill in the connector space on the body of the radio, put ring lugs on the power wires inside the radio and ran screws out through the back of the radio through the fiberglass and bolted the power cable to these with locking nuts.

Kurt

# 19365. Re: FM receive mode off frequency

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-06 01:27:01 UTC
From: noskosteve
Topic: 19335  Message: 19365

Look at the audio out of the radio, preferably on the data connector with full deviation or a little more. Then vary the signal generator and set it for minimul distortion. If that isn't centered better, then it is off freq. Quieting isn't the best metric to determine frequency..
--
73, Steve, K9DCI

--- In ic706@yahoogroups.com, "Ralph" <ku4pt@...> wrote:
>
> I have an Icom 706MK2G and everything seems to be ok on the frequency except the FM receive. I am sure my test set is ok as it is an HP 8924C and WWV at 20 mhz is right on frequency.
>
> The transmitt frequency on FM is 200hz or less. The best 12 db sinad for FM is about 2 KHz off frequency. That is at 146 MHz.
> The SSB,CW, and RTTY all seem to be off set the correct ammount on receive.
>
> Is there a seperate adjustment for the FM receive only ?
>
> The so called service manual that I downloaded does not seem to mention it.
>

# 19366. IC-706mkii board B49146H

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-05 15:53:13 UTC
From: Alex
Topic: 19366  Message: 19366

Hi to all, i am new member in this group,
The previous owner inserted a screwdriver into the vox gain trimpot breaking and causing a short on the board. Now the radio does not transmit both with activated when the vox ptt. The radio receives normal but not the tx, the red LED does not light up. Does anyone have any possible solution to this problem or may have a pattern plate B4916H to sell me. I have technical knowledge in electronics in general but not in the area of radio.Any help is welcome
Thank you all.

Greetings

Alex - PY5WX

[Non-text portions of this message have been removed]

# 19367. IC-706mkii problem board B49146H

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-06 00:01:18 UTC
From: py5ton
Topic: 19367  Message: 19367

Hi to all, i am new member in this group,
The previous owner inserted a screwdriver into the vox gain trimpot breaking and causing a short on the board. Now the radio does not transmit both with activated when the vox ptt. The radio receives normal but not the tx, the red LED does not light up. Does anyone have any possible solution to this problem or may have a pattern plate B4916H to sell me. I have technical knowledge in electronics in general but not in the area of radio.Any help is welcome
Thank you all.

Greetings

Alex - PY5WX

# 19368. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-08 04:26:34 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19368

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /Manuals and circuits/IC-706MkIIG Split and Duplex rev8.pdf
Uploaded by : noskosteve <noskosteve@...>
Description : Vers 8 (final) of my Split Duplex operation explanations

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/Manuals%20and%20circuits/IC-706MkIIG%20Split%20and%20Duplex%20rev8.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

noskosteve <noskosteve@...>

# 19369. Re: New file uploaded to ic706 - NOT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-08 04:43:38 UTC
From: noskosteve
Topic: 568  Message: 19369

Please Disregard this upload. The latest version of my Split/Duplex explanations was already in the Files Area.

User "aceblaggard" had uploaded an older version, so I requested that it be removed and I deleted this copy - OOPS!.

Sent from my KnightKit Crystal Set.
--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

I served during the cold war, so you can continue to be served a cold one.

Up to date APRS Beginner Guide - updated Aug-2010
http://K9DCI.home.comcast.net
Click the APRS Beginner INFO link under Contact

Manage Radio Memories with an Excel Spreadsheet !
Click to tune. Click to capture Radio freq.
All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710|Also Kenwood.fx Files|

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

--- In ic706@yahoogroups.com, ic706@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the ic706
> group.
>
> File : /Manuals and circuits/IC-706MkIIG Split and Duplex rev8.pdf
> Uploaded by : noskosteve <noskosteve@...>
> Description : Vers 8 (final) of my Split Duplex operation explanations
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/ic706/files/Manuals%20and%20circuits/IC-706MkIIG%20Split%20and%20Duplex%20rev8.pdf
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,

>
> noskosteve <noskosteve@...>
>

# 19370. Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 01:04:01 UTC
From: bbunny1956
Topic: 19370  Message: 19370

Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.

# 19371. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 04:28:11 UTC
From: Mike Rodgers
Topic: 19370  Message: 19371

I suppose you've checked the various repair shops for the part and not just icom?

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:

> Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
>
>

[Non-text portions of this message have been removed]

# 19372. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 12:20:11 UTC
From: Ed
Topic: 19370  Message: 19372

Do you have any shops in mind, have not had to have anything repaired in all most 20 years.

Thanks
Ed KG8NH

Sent from my iPad

On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@...> wrote:

> I suppose you've checked the various repair shops for the part and not just icom?
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>
> On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:
>
> > Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19373. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 15:02:30 UTC
From: Larry J. Ford
Topic: 19370  Message: 19373

I highly recommend SAR Technical Services in Michigan, an independent, ICOM-approved service center.

Matt Adrian has been quite good, fast, and reasonable on repairs to my 706s.

Good ratings on E-Ham.

http://www.sarts1.com

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Ed
To: ic706@yahoogroups.com
Sent: Tuesday, January 10, 2012 7:20 AM
Subject: Re: [ic706] Help with 706MKII

Do you have any shops in mind, have not had to have anything repaired in all most 20 years.

Thanks
Ed KG8NH

Sent from my iPad

On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@...> wrote:

> I suppose you've checked the various repair shops for the part and not just icom?
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>
> On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:
>
> > Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
> >
> >

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19374. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 15:51:12 UTC
From: Ed
Topic: 19370  Message: 19374

Larry
Talked with Matt yesterday. Looks like I might be out of luck if it
was a MKIIG there might be hope.
Matt did seem like a great person to do business with.

Thanks.
Ed

Sent from my iPad

On Jan 10, 2012, at 10:02, "Larry J. Ford" <lford@...> wrote:

> I highly recommend SAR Technical Services in Michigan, an independent, ICOM-approved service center.
>
> Matt Adrian has been quite good, fast, and reasonable on repairs to my 706s.
>
> Good ratings on E-Ham.
>
> http://www.sarts1.com
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Ed
> To: ic706@yahoogroups.com
> Sent: Tuesday, January 10, 2012 7:20 AM
> Subject: Re: [ic706] Help with 706MKII
>
> Do you have any shops in mind, have not had to have anything repaired in all most 20 years.
>
> Thanks
> Ed KG8NH
>
> Sent from my iPad
>
> On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@yahoo.com> wrote:
>
> > I suppose you've checked the various repair shops for the part and not just icom?
> >
> > 73
> > Mike R
> >
> > Sent from my spy ring

> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink
> >
> > On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:
> >
> > > Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19375. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 17:37:24 UTC
From: John Geiger
Topic: 19370  Message: 19375

Scott Malcom at MTS is another great repair person, and he also has some back up parts available from time to time. Might want to drop him a line.

73s John AA5JG

On Tue, Jan 10, 2012 at 9:51 AM, Ed <bbunny1956@...> wrote:

> **
>
>
> Larry
> Talked with Matt yesterday. Looks like I might be out of luck if it
> was a MKIIG there might be hope.
> Matt did seem like a great person to do business with.
>
> Thanks.
> Ed
>
> Sent from my iPad
>
> On Jan 10, 2012, at 10:02, "Larry J. Ford" <lford@...> wrote:
>
> > I highly recommend SAR Technical Services in Michigan, an independent,
> ICOM-approved service center.
> >
> > Matt Adrian has been quite good, fast, and reasonable on repairs to my
> 706s.
> >
> > Good ratings on E-Ham.
> >
> > http://www.sarts1.com
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ----- Original Message -----
> > From: Ed
> > To: ic706@yahoogroups.com
> > Sent: Tuesday, January 10, 2012 7:20 AM
> > Subject: Re: [ic706] Help with 706MKII
> >
> > Do you have any shops in mind, have not had to have anything repaired in
> all most 20 years.
> >
> > Thanks
> > Ed KG8NH

> >
> > Sent from my iPad
> >
> > On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@yahoo.com>
> wrote:
> >
> > > I suppose you've checked the various repair shops for the part and not
> just icom?
> > >
> > > 73
> > > Mike R
> > >
> > > Sent from my spy ring
> > >
> > > Amateur/Ham Radio KE5GBC
> > > HF & Echolink
> > >
> > > On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@yahoo.com> wrote:
> > >
> > > > Hi, I'm new to the group. I don't want to get too long winded, but
> here goes. I've had a 706 MKII for many years, unfortunately, it fell off a
> table and the Rotary encoder (SWI) SW159 is no longer functional or
> available from ICOM. Was hoping someone out there would happen to have a
> good front panel for sale? I really miss the rig and would like to fix
> instead of buying something new. Also, if anyone has had a similar problem
> and would like to share their solution/experience, it would be greatly
> apprciated.
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19376. Re: [ic706] Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-10 18:08:36 UTC
From: Wayne Bowyer
Topic: 19370  Message: 19376

I would also suggest Mike Nadeau www.n1eq.com

73
Wayne n4eyz
----- Original Message -----
From: "John Geiger" <aa5jg@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, January 10, 2012 12:37 PM
Subject: Re: [ic706] Help with 706MKII

> Scott Malcom at MTS is another great repair person, and he also has some
> back up parts available from time to time. Might want to drop him a line.
>
> 73s John AA5JG
>
> On Tue, Jan 10, 2012 at 9:51 AM, Ed <bbunny1956@...> wrote:
>
>> **
>>
>>
>> Larry
>> Talked with Matt yesterday. Looks like I might be out of luck if it
>> was a MKIIG there might be hope.
>> Matt did seem like a great person to do business with.
>>
>> Thanks.
>> Ed
>>
>> Sent from my iPad
>>
>> On Jan 10, 2012, at 10:02, "Larry J. Ford" <lford@...> wrote:
>>
>> > I highly recommend SAR Technical Services in Michigan, an independent,
>> ICOM-approved service center.
>> >
>> > Matt Adrian has been quite good, fast, and reasonable on repairs to my
>> 706s.
>> >
>> > Good ratings on E-Ham.
>> >
>> > http://www.sarts1.com
>> >
>> > Larry J. Ford
>> > KG4GPJ
>> >

>> > ----- Original Message -----
>> > From: Ed
>> > To: ic706@yahoogroups.com
>> > Sent: Tuesday, January 10, 2012 7:20 AM
>> > Subject: Re: [ic706] Help with 706MKII
>> >
>> > Do you have any shops in mind, have not had to have anything repaired
>> > in
>> all most 20 years.
>> >
>> > Thanks
>> > Ed KG8NH
>> >
>> > Sent from my iPad
>> >
>> > On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@...>
>> wrote:
>> >
>> > > I suppose you've checked the various repair shops for the part and
>> > > not
>> just icom?
>> > >
>> > > 73
>> > > Mike R
>> > >
>> > > Sent from my spy ring
>> > >
>> > > Amateur/Ham Radio KE5GBC
>> > > HF & Echolink
>> > >
>> > > On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...>
>> > > wrote:
>> > >
>> > > > Hi, I'm new to the group. I don't want to get too long winded, but
>> here goes. I've had a 706 MKII for many years, unfortunately, it fell off
>> a
>> table and the Rotary encoder (SWI) SW159 is no longer functional or
>> available from ICOM. Was hoping someone out there would happen to have a
>> good front panel for sale? I really miss the rig and would like to fix
>> instead of buying something new. Also, if anyone has had a similar
>> problem
>> and would like to share their solution/experience, it would be greatly
>> apprciated.
>> > > >
>> > > >
>> > >
>> > > [Non-text portions of this message have been removed]
>> > >
>> > >
>> >

>> > [Non-text portions of this message have been removed]
>> >
>> > [Non-text portions of this message have been removed]
>> >
>> >
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19377. Re: Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-11 04:37:57 UTC
From: EdwinB
Topic: 19370  Message: 19377

Can you work with a CAT interface?

Regards,
Ed

--- In ic706@yahoogroups.com, Ed <bbunny1956@...> wrote:
>
> Larry
> Talked with Matt yesterday. Looks like I might be out of luck if it
> was a MKIIG there might be hope.
> Matt did seem like a great person to do business with.
>
> Thanks.
> Ed
>
> Sent from my iPad
>
> On Jan 10, 2012, at 10:02, "Larry J. Ford" <lford@...> wrote:
>
> > I highly recommend SAR Technical Services in Michigan, an independent, ICOM-approved service center.
> >
> > Matt Adrian has been quite good, fast, and reasonable on repairs to my 706s.
> >
> > Good ratings on E-Ham.
> >
> > http://www.sarts1.com
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ----- Original Message -----
> > From: Ed
> > To: ic706@yahoogroups.com
> > Sent: Tuesday, January 10, 2012 7:20 AM
> > Subject: Re: [ic706] Help with 706MKII
> >
> > Do you have any shops in mind, have not had to have anything repaired in all most 20 years.
> >
> > Thanks
> > Ed KG8NH
> >
> > Sent from my iPad
> >

> > On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@...> wrote:
> >
> > > I suppose you've checked the various repair shops for the part and not just icom?
> > >
> > > 73
> > > Mike R
> > >
> > > Sent from my spy ring
> > >
> > > Amateur/Ham Radio KE5GBC
> > > HF & Echolink
> > >
> > > On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:
> > >
> > > > Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

# 19378. Re: [ic706] Re: Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-11 16:14:43 UTC
From: Ed
Topic: 19370  Message: 19378

Ed

Not sure going to look in to that today. Do you have something in mind.
Thanks Ed

Sent from my iPad

On Jan 10, 2012, at 23:37, "EdwinB" <n5kzw@...> wrote:

> Can you work with a CAT interface?
>
> Regards,
> Ed
>
> --- In ic706@yahoogroups.com, Ed <bbunny1956@...> wrote:
> >
> > Larry
> > Talked with Matt yesterday. Looks like I might be out of luck if it
> > was a MKIIG there might be hope.
> > Matt did seem like a great person to do business with.
> >
> > Thanks.
> > Ed
> >
> > Sent from my iPad
> >
> > On Jan 10, 2012, at 10:02, "Larry J. Ford" <lford@...> wrote:
> >
> > > I highly recommend SAR Technical Services in Michigan, an independent, ICOM-approved
service center.
> > >
> > > Matt Adrian has been quite good, fast, and reasonable on repairs to my 706s.
> > >
> > > Good ratings on E-Ham.
> > >
> > > http://www.sarts1.com
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ----- Original Message -----
> > > From: Ed
> > > To: ic706@yahoogroups.com
> > > Sent: Tuesday, January 10, 2012 7:20 AM
> > > Subject: Re: [ic706] Help with 706MKII
> > >

> > > Do you have any shops in mind, have not had to have anything repaired in all most 20 years.
> > >
> > > Thanks
> > > Ed KG8NH
> > >
> > > Sent from my iPad
> > >
> > > On Jan 9, 2012, at 23:28, Mike Rodgers <mikerodgerske5gbc@...> wrote:
> > >
> > > > I suppose you've checked the various repair shops for the part and not just icom?
> > > >
> > > > 73
> > > > Mike R
> > > >
> > > > Sent from my spy ring
> > > >
> > > > Amateur/Ham Radio KE5GBC
> > > > HF & Echolink
> > > >
> > > > On Jan 9, 2012, at 7:04 PM, "bbunny1956" <bbunny1956@...> wrote:
> > > >
> > > > > Hi, I'm new to the group. I don't want to get too long winded, but here goes. I've had a 706 MKII for many years, unfortunately, it fell off a table and the Rotary encoder (SWI) SW159 is no longer functional or available from ICOM. Was hoping someone out there would happen to have a good front panel for sale? I really miss the rig and would like to fix instead of buying something new. Also, if anyone has had a similar problem and would like to share their solution/experience, it would be greatly apprciated.
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >

[Non-text portions of this message have been removed]

# 19379. Re: Help with 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-12 00:49:57 UTC
From: noskosteve
Topic: 19370  Message: 19379

> On Jan 10, 2012, at 23:37, "EdwinB" <n5kzw@...> wrote:
> > Can you work with a CAT interface?
> > Regards, Ed

--- Ed <bbunny1956@...> wrote:
> Not sure going to look in to that today. Do you have something in mind.
> Thanks Ed

It doesn't look like the radio and doesn't have a knob, but if you have Excel. my CAT sheet is free on my site.

Sent from my KnightKit Crystal Set.
--
73, Steve, K9DCI USN (Vet) MOT (Ret) Ham (Yet)

I served during the cold war, so you can continue to be served a cold one.

Click to tune. Click to capture Radio freq.

Manage Radio Memories with an Excel Spreadsheet !

All Memories on one page. Cut, Copy, Paste, Print 'em...
For:
TM-D700 | TH-F6A | TS-2000 | Icom 706MkIIG
All PMs |Real-time & memories | Sat mems too | Loads Mem Tones!
NOT D710|Also Kenwood.fx Files|

More Details, Features and Downloads at:
http://k9dci.home.comcast.net/

# 19380. Dualing mic jacks issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-13 04:17:27 UTC
From: John Geiger
Topic: 19380  Message: 19380

I have an Icom 706 original and I recently made up a cable to go between the mic jack and my computer sound card for RTTY. It is working great on RTTY-already bagged 2 new RTTY countries (PJ2 and CP). I also get the receiver audio off of the mic jack, so I dont have to tie up the speaker on the rig. I figured it would be easy to plug this cable into the rear mic jack, and leave the microphone plugged into the front jack.

That is where the unusual issue occurs. With both the RTTY cable and mic jack plugged in, RTTY still works fine, but the microphone will only put out a few watts on SSB-it wiill send a FM and AM carrier ok, though. This occurs regardless of which jack the soundcard cable is plugged into and which jack the microphone is plugged into.

Is this typical for the 706? Any idea why it might be doing this? Any ways around it other than switching cables as needed?

73s John AA5JG

[Non-text portions of this message have been removed]

# 19381. Re: [ic706] Dualing mic jacks issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-13 04:40:19 UTC
From: Mike Rodgers
Topic: 19380  Message: 19381

Both mic audio inputs are hot all time.
Try plugging cable in front so you can slide It slightly to break connection for ssb.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 12, 2012, at 10:17 PM, "John Geiger" <aa5jg@...> wrote:

> I have an Icom 706 original and I recently made up a cable to go between the mic jack and my computer sound card for RTTY. It is working great on RTTY-already bagged 2 new RTTY countries (PJ2 and CP). I also get the receiver audio off of the mic jack, so I dont have to tie up the speaker on the rig. I figured it would be easy to plug this cable into the rear mic jack, and leave the microphone plugged into the front jack.
>
> That is where the unusual issue occurs. With both the RTTY cable and mic jack plugged in, RTTY still works fine, but the microphone will only put out a few watts on SSB-it wiill send a FM and AM carrier ok, though. This occurs regardless of which jack the soundcard cable is plugged into and which jack the microphone is plugged into.
>
> Is this typical for the 706? Any idea why it might be doing this? Any ways around it other than switching cables as needed?
>
> 73s John AA5JG
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19382. Re: Dualing mic jacks issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-13 22:20:57 UTC
From: zl1tbg
Topic: 19380  Message: 19382

You should use the ACC socket on the rear. It has ptt, audio not affected by vol control, and an independent tx audio line for your RTTY

Ralph

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Both mic audio inputs are hot all time.
> Try plugging cable in front so you can slide It slightly to break connection for ssb.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>
> On Jan 12, 2012, at 10:17 PM, "John Geiger" <aa5jg@...> wrote:
>
> > I have an Icom 706 original and I recently made up a cable to go between the mic jack and my computer sound card for RTTY. It is working great on RTTY-already bagged 2 new RTTY countries (PJ2 and CP). I also get the receiver audio off of the mic jack, so I dont have to tie up the speaker on the rig. I figured it would be easy to plug this cable into the rear mic jack, and leave the microphone plugged into the front jack.
> >
> > That is where the unusual issue occurs. With both the RTTY cable and mic jack plugged in, RTTY still works fine, but the microphone will only put out a few watts on SSB-it wiill send a FM and AM carrier ok, though. This occurs regardless of which jack the soundcard cable is plugged into and which jack the microphone is plugged into.
> >
> > Is this typical for the 706? Any idea why it might be doing this? Any ways around it other than switching cables as needed?
> >
> > 73s John AA5JG
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19383. MKIIG 70cm band not working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-13 22:30:01 UTC
From: n1agedtc
Topic: 19383  Message: 19383

Hello folks,
I am a new member here and was happy to find such a site dedicated to this particular radio. Maybe someone can help me with this puzzling issue. I have a 1 1/2 year old mkiig and the 440 side of my radio is not working. ALL other bands and modes work perfect including 2m (obviously not finals) my needle doesn't move on FM, AM SSB etc..I have tried all power levels. It's only drawing less than one amp and it also receives fine on 440. When I key the mic, the red "TX" light illuminates etc... Any ideas?
Thanks in advance
73

# 19384. IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-13 11:06:08 UTC
From: ZL1SWW
Topic: 19384  Message: 19384

Hi all,
Ihave an IC706MKii that has been going fine for a long while. Recently it developed a fault where you get full output on TX for a while and after a bit, the output will drop off. Leaving the radio on for 3 hours, I get about 2-5 watts out. I have done the following things to check:

Power supply volts OK to rig even under load. Fuses OK and no volt drop.
It happens on all bands.
Checked dry joints on PA board.

Other things I have done to isolate the fault are:
Inject a signal into PAI (input to PA) at the desired frequency as per the dial. about -2 thru +5dBm in give me full power even after rig has been on for 3 hours. This proves the PA board is ok on all bands as checked various bands.

Putting a spectrum analyser on the PAI output feed off the main board shows a small drop in level over time. Level should be close to 0dBm or so. Mine is at cold +2dBm and then drops off to about -5 after about 3 hrs.
I am suspecting the IC1 YGR amp uPC2709T that feeds to the PA board. The HPF baord must be OK as RX is fine and the HPF handles both TX and RX paths.

Anyone had issues with the YGR amp chip? I have some on order to swap in and see.
Interestingly enough, the TX output slowly drops but in a fault state, the output can fluctate quite widely. I have tried freeze spray to no avail.

Would be interested if anyone has seen a fault like this. No amunt of cable wriggling or board tapping can exacerbate the fault.

Cheers & thanks in advance..

Simon
ZL1SWW

# 19385. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-14 12:33:35 UTC
From: pedroafonso2
Topic: 19384  Message: 19385

Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
Anybody else with the same symptoms??????

73

Pedro Afonso
K2DJ

# 19386. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 04:36:34 UTC
From: zl1tbg
Topic: 19384  Message: 19386

with my mk2g its similar, HF bands only, after tx for 2-6 mins the output suddenly drops to low level and remains that way regardless of waiting on rx or powering down the radio. It has been discussed here before and nobody has ever fixed one (without buying a different radio)
There is nothing wrong with the PA because, like Simon's, I traced it to a sudden loss of drive, about 20 db drop to the PA board. The recovery method is to select 2m band, click the ptt to transmit briefly, then go back to the original frequency. Works every time, for another 2-6 mins. On my radio the level does not vary, it cuts down as if there has been a shutdown called by the processor, and my reset method seems to suggest this.
Ralph

--- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@...> wrote:
>
> Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> Anybody else with the same symptoms??????
>
> 73
>
> Pedro Afonso
> K2DJ
>

# 19387. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-14 23:36:57 UTC
From: ZL1SWW
Topic: 19384  Message: 19387

Hi Pedro,
Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..

I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..

Cheers,
Simon
ZL1SWW.

--- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@...> wrote:
>
> Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> Anybody else with the same symptoms??????
>
> 73
>
> Pedro Afonso
> K2DJ
>

# 19388. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 12:50:09 UTC
From: pedroafonso2
Topic: 19384  Message: 19388

same symptoms here Ralph. that's why i suspected the SWR sensing Circuit from the beginning, i think this is a know problems with icom radios, the sensing diodes get bad and this triggers the signal for the microprocessor to low the power to protect the finals.

# 19389. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 12:58:18 UTC
From: pedroafonso2
Topic: 19384  Message: 19389

Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.

i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.

--- In ic706@yahoogroups.com, "ZL1SWW" <hanzinzl@...> wrote:
>
> Hi Pedro,
> Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
>
> I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
>
> Cheers,
> Simon
> ZL1SWW.
>
>
> --- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@> wrote:
> >
> > Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> > Anybody else with the same symptoms??????
> >
> > 73
> >
> > Pedro Afonso
> > K2DJ
> >
>

# 19390. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 13:02:18 UTC
From: pedroafonso2
Topic: 19384  Message: 19390

Simon let us know how the radio is doing after you change the IC. Thanks. 73

Pedro
K2DJ

# 19391. Re: [ic706] Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 13:01:09 UTC
From: Bill
Topic: 19384  Message: 19391

Hi, when you say your audio was
mnuffled on all bands, was this on receive?
I have a problem with muffled audio on receive only, it's fine through headphones!
Bill g4kki
On Sun, 15 Jan 2012 12:58:18 +0000, ic706@yahoogroups.com wrote:
> Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.
>
> i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.
>
>
>
> --- In ic706@yahoogroups.com, "ZL1SWW" <hanzinzl@...> wrote:
> >
> > Hi Pedro,
> > Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
> >
> > I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
> >
> > Cheers,
> > Simon
> > ZL1SWW.
> >
> >
> > --- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@> wrote:
> > >
> > > Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> > > Anybody else with the same symptoms??????
> > >
> > > 73
> > >
> > > Pedro Afonso
> > > K2DJ
> > >

> >
>
>

--
Sent from my Blackberry Curve

# 19392. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 13:09:09 UTC
From: pedroafonso2
Topic: 19384  Message: 19392

Hi Bill. mine did it on tx only. but if you can hear ok through headphone it mean the audio amplifier is ok. it could be the speaker itself is getting bad...

Pedro K2DJ 73

--- In ic706@yahoogroups.com, "Bill" <g4kki.william@...> wrote:
>
> Hi, when you say your audio was
> mnuffled on all bands, was this on receive?
> I have a problem with muffled audio on receive only, it's fine through headphones!
> Bill g4kki
> On Sun, 15 Jan 2012 12:58:18 +0000, ic706@yahoogroups.com wrote:
> > Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.
> >
> > i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.
> >
> >
> >
> > --- In ic706@yahoogroups.com, "ZL1SWW" <hanzinzl@> wrote:
> > >
> > > Hi Pedro,
> > > Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
> > >
> > > I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
> > >
> > > Cheers,
> > > Simon
> > > ZL1SWW.
> > >
> > >
> > > --- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@> wrote:
> > > >
> > > > Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.

> > > > Anybody else with the same symptoms??????
> > > >
> > > > 73
> > > >
> > > > Pedro Afonso
> > > > K2DJ
> > > >
> > >
> >
> >
>
> --
> Sent from my Blackberry Curve
>

# 19393. Re: [ic706] Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-15 13:27:07 UTC
From: Bill
Topic: 19384  Message: 19393

Hi Pedro, yes thanks for that, I will have try another speaker :-). It's not a big problem because I use headphones mostlym
73 Bill g4kki

On Sun, 15 Jan 2012 13:09:09 +0000, ic706@yahoogroups.com wrote:
> Hi Bill. mine did it on tx only. but if you can hear ok through headphone it mean the audio amplifier is ok. it could be the speaker itself is getting bad...
>
> Pedro K2DJ 73
>
>
>
> --- In ic706@yahoogroups.com, "Bill" <g4kki.william@...> wrote:
> >
> > Hi, when you say your audio was
> > mnuffled on all bands, was this on receive?
> > I have a problem with muffled audio on receive only, it's fine through headphones!
> > Bill g4kki
> > On Sun, 15 Jan 2012 12:58:18 +0000, ic706@yahoogroups.com wrote:
> > > Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.
> > >
> > > i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.
> > >
> > >
> > >
> > > --- In ic706@yahoogroups.com, "ZL1SWW" <hanzinzl@> wrote:
> > > >
> > > > Hi Pedro,
> > > > Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
> > > >
> > > > I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
> > > >
> > > > Cheers,
> > > > Simon
> > > > ZL1SWW.
> > > >

> > > >
> > > > --- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@> wrote:
> > > > >
> > > > > Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> > > > > Anybody else with the same symptoms??????
> > > > >
> > > > > 73
> > > > >
> > > > > Pedro Afonso
> > > > > K2DJ
> > > > >
> > > >
> > >
> > >
> >
> > --
> > Sent from my Blackberry Curve
> >
>
>

--
Sent from my Blackberry Curve

# 19394. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-16 02:17:57 UTC
From: ZL1SWW
Topic: 19384  Message: 19394

Hi Pedro,

OK I will let you know how I go. BTW, if you have the issue on HF - it maybe the relay on the PA board getting dirty / faulty. There is a litle white relay that switches the signal from the early PA driver stages thru to the appropriate final section. Maybe the swapping bands from VHF to HF and back may clean the contacts enough.

Just a thought..

Cheers,

Simon

--- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@...> wrote:
>
> Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.
>
> i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.
>
>
>
> --- In ic706@yahoogroups.com, "ZL1SWW" <hanzinzl@> wrote:
> >
> > Hi Pedro,
> > Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
> >
> > I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
> >
> > Cheers,
> > Simon
> > ZL1SWW.
> >
> >
> > --- In ic706@yahoogroups.com, "pedroafonso2" <pedroafonso2@> wrote:
> > >
> > > Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes.

But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> > > Anybody else with the same symptoms??????
> > >
> > > 73
> > >
> > > Pedro Afonso
> > > K2DJ
> > >
> >
>

# 19395. Re: [ic706] Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-16 14:39:32 UTC
From: Deacon Dave
Topic: 19384  Message: 19395

My 706MKiiG is almost 11 years young. I have never experienced this phenomena.

I am a retired EE/Aerospace engineer [Manager] and based on what I read my first "suspicion" is a thermal problem, or a false reading thermal sensor. The processor is reducing power to reduce heat build up at a sensitive location within the radio. Cycling between VHF&UHF/HF allows time for a little cooling in the sensitive location. Check the cooling system for dust build up, make sure heat sinks are firmly seated , if bonded verify a solid bond.

We used to use a product, if I recall correctly 'freez-on', to provide diagnostic local cooling.

DD, W1MCE

----- Original Message -----
From: pedroafonso2
To: ic706@yahoogroups.com
Sent: Saturday, January 14, 2012 7:33 AM
Subject: [ic706] Re: IC706MKii - TX Power drop on all bands after half hour.

Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
Anybody else with the same symptoms??????

73

Pedro Afonso
K2DJ

[Non-text portions of this message have been removed]

# 19396. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-17 20:01:56 UTC
From: ZL1SWW
Topic: 19384  Message: 19396

Hi DD,

Thanks for the input. I looked at ther thermal control. There are sensors on the PLL board and PA board. They directly come together on the PA board to drive the fan. It appears there is no signalling back to the CPU to cut down RF output.
Yes I ahve also tried freeze spray with no help.

Cheers,

Simon
ZL1SWW

--- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@...> wrote:
>
> My 706MKiiG is almost 11 years young. I have never experienced this phenomena.
>
> I am a retired EE/Aerospace engineer [Manager] and based on what I read my first "suspicion" is a thermal problem, or a false reading thermal sensor. The processor is reducing power to reduce heat build up at a sensitive location within the radio. Cycling between VHF&UHF/HF allows time for a little cooling in the sensitive location. Check the cooling system for dust build up, make sure heat sinks are firmly seated , if bonded verify a solid bond.
>
> We used to use a product, if I recall correctly 'freez-on', to provide diagnostic local cooling.
>
> DD, W1MCE
>
>
> ----- Original Message -----
> From: pedroafonso2
> To: ic706@yahoogroups.com
> Sent: Saturday, January 14, 2012 7:33 AM
> Subject: [ic706] Re: IC706MKii - TX Power drop on all bands after half hour.
>
>
>
> Hi all. im having the same problem with my 706mk2g. after a few minutes on transmitting the output drops to about 2-5 watts. i was suspecting the SWR sensing diodes. But i never had the time to check them. but it could be the amplifier IC that u mention as well.
> Anybody else with the same symptoms??????
>
> 73
>
> Pedro Afonso
> K2DJ

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19397. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-17 20:12:45 UTC
From: pedro afonso
Topic: 19384  Message: 19397

on my 706mk2g after 2-5 min. it wont transmit,  unless i turn it off and back on, then the cycle repeats

[Non-text portions of this message have been removed]

# 19398. at500 and ic2kl

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-17 21:04:19 UTC
From: rupert
Topic: 19398  Message: 19398

I would like to connect to my MK11 my at 500 and ic 2kl so it willband switch like my old ic745 did,any help would be appreciated re connecting same,not too versed on electronics ok.
Thanks
Rupert 6y5rw

# 19399. Re: MKIIG 70cm band not working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 01:24:45 UTC
From: n1agedtc
Topic: 19383  Message: 19399

I guess others are stumped as well.

--- In ic706@yahoogroups.com, "n1agedtc" <n1agedtc@...> wrote:
>
> Hello folks,
> I am a new member here and was happy to find such a site dedicated to this particular radio. Maybe someone can help me with this puzzling issue. I have a 1 1/2 year old mkiig and the 440 side of my radio is not working. ALL other bands and modes work perfect including 2m (obviously not finals) my needle doesn't move on FM, AM SSB etc..I have tried all power levels. It's only drawing less than one amp and it also receives fine on 440. When I key the mic, the red "TX" light illuminates etc... Any ideas?
> Thanks in advance
> 73
>

# 19400. Re: [ic706] Re: MKIIG 70cm band not working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 02:59:02 UTC
From: Mark Brueggemann
Topic: 19383  Message: 19400

--- On Tue, 1/17/12, n1agedtc <n1agedtc@...> wrote:

> I guess others are stumped as well.

Kinda hard to guess. A trip to the bench with some test equipment would reveal a lot.

Mark K5LXP
Albuquerque, NM

# 19401. Re: MKIIG 70cm band not working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 06:23:37 UTC
From: zl1tbg
Topic: 19383  Message: 19401

The PIN diode switching for 70cm band often fails.
Check this first. PC tracks can burn out around the area of the PIN switch diode too.
Ralph

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Tue, 1/17/12, n1agedtc <n1agedtc@...> wrote:
>
> > I guess others are stumped as well.
>
> Kinda hard to guess. A trip to the bench with some test equipment would reveal a lot.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 19402. IC706mk2g 2 meter problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 14:58:03 UTC
From: n3qk1
Topic: 19402  Message: 19402

I have an Icom 706 mk2g and aparently works fine on all bands except 2 meters. When I key the mike, it sometimes does not put power out at all or at other times it will hesitate for several seconds before putting power output. Then sometimes power time output is immediate. Red transmit LED comes on immediately in all instances so unit is in transmit mode. I have tried this unit on a 50 ohm dummy load rated thru 150 mhz and also a resonant antenna for 2 meters FM peaked at 146.52 witw same results. If I was going to guess on this problem, I would expect the two meter T/R relay either to have dirty or worn contacts or the contacts just are not quite making contact on every throw.

# 19403. Re: [ic706] IC706mk2g 2 meter problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 16:09:33 UTC
From: Rick Hatalski
Topic: 19402  Message: 19403

Does it work on 440 or 6 meter FM?
73,
Rick ND4z

--- On Wed, 1/18/12, n3qk1 <n3qk1@...> wrote:

From: n3qk1 <n3qk1@...>
Subject: [ic706] IC706mk2g 2 meter problem
To: ic706@yahoogroups.com
Date: Wednesday, January 18, 2012, 2:58 PM

I have an Icom 706 mk2g and aparently works fine on all bands except 2 meters. When I key the mike, it sometimes does not put power out at all or at other times it will hesitate for several seconds before putting power output. Then sometimes power time output is immediate. Red transmit LED comes on immediately in all instances so unit is in transmit mode. I have tried this unit on a 50 ohm dummy load rated thru 150 mhz and also a resonant antenna for 2 meters FM peaked at 146.52 witw same results. If I was going to guess on this problem, I would expect the two meter T/R relay either to have dirty or worn contacts or the contacts just are not quite making contact on every throw.

[Non-text portions of this message have been removed]

# 19404. Re: MKIIG 70cm band not working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-18 20:27:38 UTC
From: n1agedtc
Topic: 19383  Message: 19404

--- In ic706@yahoogroups.com, "zl1tbg" <sanson.r@...> wrote:
>
> The PIN diode switching for 70cm band often fails.
> Check this first. PC tracks can burn out around the area of the PIN switch diode too.
> Ralph
>
Ralph,
I was told the same thing from someone else, I need to get a better view of the schematics to see where exactly that PIN diode is located

Thanks
Dana
> --- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@> wrote:
> >
> >
> > --- On Tue, 1/17/12, n1agedtc <n1agedtc@> wrote:
> >
> > > I guess others are stumped as well.
> >
> > Kinda hard to guess. A trip to the bench with some test equipment would reveal a lot.
> >
> >
> > Mark K5LXP
> > Albuquerque, NM
> >
>

# 19405. Re: IC706mk2g 2 meter problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 02:09:32 UTC
From: qsl_pls
Topic: 19402  Message: 19405

This happened to me a few years ago and here is what you do:

Go to this link and read the steps.
http://www.uksmg.org/content/ic706_fix.htm

All I had to do was tweak the FM VCO (C267), a step that the author in the link said wasn't necessary but it worked for me!

Let me know how it goes, OM.

73,
Rik
w2rik@...

--- In ic706@yahoogroups.com, "n3qk1" <n3qk1@...> wrote:
>
> I have an Icom 706 mk2g and aparently works fine on all bands except 2 meters. When I key the mike, it sometimes does not put power out at all or at other times it will hesitate for several seconds before putting power output. Then sometimes power time output is immediate. Red transmit LED comes on immediately in all instances so unit is in transmit mode. I have tried this unit on a 50 ohm dummy load rated thru 150 mhz and also a resonant antenna for 2 meters FM peaked at 146.52 witw same results. If I was going to guess on this problem, I would expect the two meter T/R relay either to have dirty or worn contacts or the contacts just are not quite making contact on every throw.
>

# 19406. AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 16:13:40 UTC
From: Larry J. Ford
Topic: 19406  Message: 19406

I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.

Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.

I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.

I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.

The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.

I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.

If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.

I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.

And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.

Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.

Sorry for the length of the posting.

Thanks for any help,

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19407. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 18:29:19 UTC
From: Joe
Topic: 19406  Message: 19407

Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24 thread...

Joe, N3JI

Sent from my Verizon Wireless smartphone

"Larry J. Ford" <lford@usa.net> wrote:

>I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
>
>Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
>
>I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
>
>I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.
>
>The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.
>
>I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.
>
>If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.
>
>I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.
>

>And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.
>
>Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.
>
>Sorry for the length of the posting.
>
>Thanks for any help,
>
>Larry J. Ford
>KG4GPJ
>
>[Non-text portions of this message have been removed]
>

# 19408. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 18:50:32 UTC
From: Larry J. Ford
Topic: 19406  Message: 19408

Joe,

Thanks for the suggestion, but "been there, tried that," and it doesn't work. I have one of those in my "junk box," and it won't work.

Remember, these are METRIC threads, etc., and the threading on the two ICOM parts that need to join is not 3/8ths-24.

I forgot to mention that point in my original posting, but forgot (and it was long enough, as it was).

Since ICOM has not responded, I'm thinking of taking the parts down to my neighbor's machine shop and have the necessary part fabricated - if his shop can do metric sizes and threading.

73,

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe
To: ic706@yahoogroups.com ; IcomTuner@yahoogroups.com
Sent: Thursday, January 19, 2012 1:29 PM
Subject: Re: [ic706] AH-2b Antenna System - Help

Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24 thread...

Joe, N3JI

Sent from my Verizon Wireless smartphone

"Larry J. Ford" <lford@...> wrote:

>I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
>
>Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
>
>I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
>
>I discovered the following: On the instructions, it shows the antenna element whip being

inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.
>
>The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.
>
>I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.
>
>If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.
>
>I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.
>
>And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.
>
>Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.
>
>Sorry for the length of the posting.
>
>Thanks for any help,
>
>Larry J. Ford
>KG4GPJ
>
>[Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19409. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 20:03:56 UTC
From: Mike Rodgers
Topic: 19406  Message: 19409

Larry, do you have a fastener supply shop in town?
Or a independent hardware store or maybe Lowes
The hardware stores usually have something in metric in small bins that slide out. You may have to get a bolt and cut it. If so screw a nut on before cutting. It will clean the threads when removed.
Good luck

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 12:50 PM, "Larry J. Ford" <lford@...> wrote:

> Joe,
>
> Thanks for the suggestion, but "been there, tried that," and it doesn't work. I have one of those in my "junk box," and it won't work.
>
> Remember, these are METRIC threads, etc., and the threading on the two ICOM parts that need to join is not 3/8ths-24.
>
> I forgot to mention that point in my original posting, but forgot (and it was long enough, as it was).
>
> Since ICOM has not responded, I'm thinking of taking the parts down to my neighbor's machine shop and have the necessary part fabricated - if his shop can do metric sizes and threading.
>
> 73,
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe
> To: ic706@yahoogroups.com ; IcomTuner@yahoogroups.com
> Sent: Thursday, January 19, 2012 1:29 PM
> Subject: Re: [ic706] AH-2b Antenna System - Help
>
> Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24

thread...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless smartphone
>
> "Larry J. Ford" <lford@...> wrote:
>
> >I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
> >
> >Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
> >
> >I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
> >
> >I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.
> >
> >The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.
> >
> >I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.
> >
> >If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.
> >
> >I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.
> >
> >And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.
> >
> >Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.
> >
> >Sorry for the length of the posting.
> >

> >Thanks for any help,
> >
> >Larry J. Ford
> >KG4GPJ
> >
> >[Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19410. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 20:11:07 UTC
From: Larry J. Ford
Topic: 19406  Message: 19410

Mike,

No fastener supply shops here (rural area in the mountains of Western North Carolina), but there is a Lowe's over in Murphy, NC, about 16 miles away and a Home Depot in Blairsville, GA, about 12 miles away.

That's a good suggestion. Hope they carry metric sizes.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@...m
Sent: Thursday, January 19, 2012 3:03 PM
Subject: Re: [ic706] AH-2b Antenna System - Help

Larry, do you have a fastener supply shop in town?
Or a independent hardware store or maybe Lowes
The hardware stores usually have something in metric in small bins that slide out. You may have to get a bolt and cut it. If so screw a nut on before cutting. It will clean the threads when removed.
Good luck

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 12:50 PM, "Larry J. Ford" <lford@...> wrote:

> Joe,
>
> Thanks for the suggestion, but "been there, tried that," and it doesn't work. I have one of those in my "junk box," and it won't work.
>
> Remember, these are METRIC threads, etc., and the threading on the two ICOM parts that need to join is not 3/8ths-24.
>
> I forgot to mention that point in my original posting, but forgot (and it was long enough, as it was).
>
> Since ICOM has not responded, I'm thinking of taking the parts down to my neighbor's machine shop and have the necessary part fabricated - if his shop can do metric sizes and

threading.
>
> 73,
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe
> To: ic706@yahoogroups.com ; IcomTuner@yahoogroups.com
> Sent: Thursday, January 19, 2012 1:29 PM
> Subject: Re: [ic706] AH-2b Antenna System - Help
>
> Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24 thread...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless smartphone
>
> "Larry J. Ford" <lford@...> wrote:
>
> >I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
> >
> >Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
> >
> >I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
> >
> >I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.
> >
> >The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.
> >
> >I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.

> >
> >If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.
> >
> >I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.
> >
> >And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.
> >
> >Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.
> >
> >Sorry for the length of the posting.
> >
> >Thanks for any help,
> >
> >Larry J. Ford
> >KG4GPJ
> >
> >[Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19411. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 21:04:43 UTC
From: Mike Rodgers
Topic: 19406  Message: 19411

Probally won't find it at home depot but I'm pretty sure I've seen them at Lowes Give a call. A independent hardware store would be better. If you find the size, I can check here.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 2:11 PM, "Larry J. Ford" <lford@...> wrote:

> Mike,
>
> No fastener supply shops here (rural area in the mountains of Western North Carolina), but there is a Lowe's over in Murphy, NC, about 16 miles away and a Home Depot in Blairsville, GA, about 12 miles away.
>
> That's a good suggestion. Hope they carry metric sizes.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Mike Rodgers
> To: ic706@yahoogroups.com
> Sent: Thursday, January 19, 2012 3:03 PM
> Subject: Re: [ic706] AH-2b Antenna System - Help
>
> Larry, do you have a fastener supply shop in town?
> Or a independent hardware store or maybe Lowes
> The hardware stores usually have something in metric in small bins that slide out. You may have to get a bolt and cut it. If so screw a nut on before cutting. It will clean the threads when removed.
> Good luck
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>
> On Jan 19, 2012, at 12:50 PM, "Larry J. Ford" <lford@...> wrote:

>
> > Joe,
> >
> > Thanks for the suggestion, but "been there, tried that," and it doesn't work. I have one of those in my "junk box," and it won't work.
> >
> > Remember, these are METRIC threads, etc., and the threading on the two ICOM parts that need to join is not 3/8ths-24.
> >
> > I forgot to mention that point in my original posting, but forgot (and it was long enough, as it was).
> >
> > Since ICOM has not responded, I'm thinking of taking the parts down to my neighbor's machine shop and have the necessary part fabricated - if his shop can do metric sizes and threading.
> >
> > 73,
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: Joe
> > To: ic706@yahoogroups.com ; IcomTuner@yahoogroups.com
> > Sent: Thursday, January 19, 2012 1:29 PM
> > Subject: Re: [ic706] AH-2b Antenna System - Help
> >
> > Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24 thread...
> >
> > Joe, N3JI
> >
> > Sent from my Verizon Wireless smartphone
> >
> > "Larry J. Ford" <lford@...> wrote:
> >
> > >I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
> > >
> > >Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
> > >
> > >I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
> > >
> > >I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at

the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's all there.
> > >
> > >The problem is that with the antenna base spring the other ham sent me, there's no way for the bottom of the antenna element holder to attach to the top of the antenna base spring! Either there's a "free-standing" threaded bolt that hold the two parts together (which is missing), or there's supposed to be a bolt built into the top of the antenna base spring that is missing.
> > >
> > >I'm trying to determine whether (1) there's an "independent," threaded bolt that connects the antenna base spring to the antenna element holder, or (2) the bolt is built into the top of the spring.
> > >
> > >If it's (1) I need to identify the Part No. and order the bolt by itself; or, if it's (2) I need to order a new spring.
> > >
> > >I tend to think it's No. (1) because the top of the antenna base spring the other ham sent is open and threaded with no apparent sign of any built-in bolt having broken-off.
> > >
> > >And, yes, I have called ICOM America to identify which part, and so far the Tech Support staff and the Parts Department staff are "stumped," can't tell me which is which, and are having to "research" the question.
> > >
> > >Thus, I thought if someone actually had one of these AH-2b antenna systems installed, he could just take a quick look and let me know which it is.
> > >
> > >Sorry for the length of the posting.
> > >
> > >Thanks for any help,
> > >
> > >Larry J. Ford
> > >KG4GPJ
> > >
> > >[Non-text portions of this message have been removed]
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19412. Re: [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-19 22:32:03 UTC
From: WireU@aol.com
Topic: 19406  Message: 19412

Every Lowes I've been to carries them.

In a message dated 1/19/2012 2:11:42 P.M. Central Standard Time,
lford@... writes:

Mike,

No fastener supply shops here (rural area in the mountains of Western
North Carolina), but there is a Lowe's over in Murphy, NC, about 16 miles away
and a Home Depot in Blairsville, GA, about 12 miles away.

That's a good suggestion. Hope they carry metric sizes.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
Sent: Thursday, January 19, 2012 3:03 PM
Subject: Re: [ic706] AH-2b Antenna System - Help

Larry, do you have a fastener supply shop in town?
Or a independent hardware store or maybe Lowes
The hardware stores usually have something in metric in small bins that
slide out. You may have to get a bolt and cut it. If so screw a nut on before
cutting. It will clean the threads when removed.
Good luck

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 12:50 PM, "Larry J. Ford" <_lford@..._
(mailto:lford@...) > wrote:

> Joe,
>
> Thanks for the suggestion, but "been there, tried that," and it doesn't
work. I have one of those in my "junk box," and it won't work.
>
> Remember, these are METRIC threads, etc., and the threading on the two
ICOM parts that need to join is not 3/8ths-24.
>

> I forgot to mention that point in my original posting, but forgot (and it was long enough, as it was).
>
> Since ICOM has not responded, I'm thinking of taking the parts down to my neighbor's machine shop and have the necessary part fabricated - if his shop can do metric sizes and threading.
>
> 73,
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe
> To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com) ; _IcomTuner@yahoogroups.com_ (mailto:IcomTuner@yahoogroups.com)
> Sent: Thursday, January 19, 2012 1:29 PM
> Subject: Re: [ic706] AH-2b Antenna System - Help
>
> Trying to visualize this- it sounds like all you need is a 3/8ths-24 coupling nut (something a standard whip and mounting stud can screw into both ends). I have seen those, and even have one or two kicking around my junk box. If you can't come up with one, let me know and I'll send you my extra. This assuming that Icom used the "standard" 3/8ths-24 thread...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless smartphone
>
> "Larry J. Ford" <_lford@..._ (mailto:lford@...) > wrote:
>
> >I'm hoping someone on the list has an ICOM AH-2b mobile antenna system (not the tuner, just the mobile antenna system) and can answer a question.
> >
> >Sometime back, I bought a used AH-2b antenna system from another ham who said it was complete except for the antenna element ("whip") and the antenna element holder.
> >
> >I purchased the antenna element holder from ICOM (via Matt Adrian's shop), and thought I was all set. This week I got ambitious once again about getting the system installed on my vehicle, and so decided to lay all the parts out.
> >
> >I discovered the following: On the instructions, it shows the antenna element whip being inserted down into the antenna element holder (a milled cylinder with an opening at the top for the whip to slide down into and then secured by two Allen set screws). The bottom of the antenna element holder is hollow and threaded and is supposed to screw down onto the antenna base spring, which in turn is bolted to the antenna base insulator. There is a bolt which inserts through the antenna base insulator and protrudes through it and the base of the antenna base spring screws into that, and that's

all there.
> >
> >The problem is that with the antenna base spring the other ham sent me,
there's no way for the bottom of the antenna element holder to attach to
the top of the antenna base spring! Either there's a "free-standing"
threaded bolt that hold the two parts together (which is missing), or there's
supposed to be a bolt built into the top of the antenna base spring that is
missing.
> >
> >I'm trying to determine whether (1) there's an "independent," threaded
bolt that connects the antenna base spring to the antenna element holder,
or (2) the bolt is built into the top of the spring.
> >
> >If it's (1) I need to identify the Part No. and order the bolt by
itself; or, if it's (2) I need to order a new spring.
> >
> >I tend to think it's No. (1) because the top of the antenna base spring
the other ham sent is open and threaded with no apparent sign of any
built-in bolt having broken-off.
> >
> >And, yes, I have called ICOM America to identify which part, and so far
the Tech Support staff and the Parts Department staff are "stumped," can't
tell me which is which, and are having to "research" the question.
> >
> >Thus, I thought if someone actually had one of these AH-2b antenna
systems installed, he could just take a quick look and let me know which it is.
> >
> >Sorry for the length of the posting.
> >
> >Thanks for any help,
> >
> >Larry J. Ford
> >KG4GPJ
> >
> >[Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19413. 706 and Amp.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 04:09:52 UTC
From: w4gkm1234
Topic: 19413  Message: 19413

My first post:

Need suggestions on best way to connect 706 and Yaesu FT-2100B. I operate RTTY mostly and the ACC socket has the RTTY conection. Can I use the RTTY to connect the amp?

Thanks everyone.

Nick
w4gkm

# 19414. [ic706] AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 03:31:09 UTC
From: LARRY J. FORD
Topic: 19406  Message: 19414

Thanks, Mike, but see my other messages. I've got a neighbor who owns machine shop that's making the part for me.

Larry J. Ford
KG4GPJ

# 19415. Re: [ic706] 706 and Amp.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 15:00:28 UTC
From: Mike Rodgers
Topic: 19413  Message: 19415

Can't give you specific advice but the 706 often has a 100w spike when not at full power so hopefully that amp will tolerate 100w drive for a millisecond. I don't know if that has ever been a problem but it is with some amps and the new icom 7410 and kenwood Ts-590. I'm sure you'd rather be on the safe side. The problem usually arises in a amp that requires a low 40w drive for legal limit and then hitting it with a 100w spike. I don't know if it's a issue with the 706 series but it does spike. That's how the alc works.

Does anyone know if this has ever been a issue?

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 10:09 PM, "w4gkm1234" <w4gkm1234@...> wrote:

> My first post:
>
> Need suggestions on best way to connect 706 and Yaesu FT-2100B. I operate RTTY mostly and the ACC socket has the RTTY conection. Can I use the RTTY to connect the amp?
>
> Thanks everyone.
>
> Nick
> w4gkm
>
>

[Non-text portions of this message have been removed]

# 19416. Re: [ic706] 706 and Amp.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 15:30:58 UTC
From: Larry J. Ford
Topic: 19413  Message: 19416

One way to do it is to purchase the Ameritron ARB-704 amp buffer/interface, with the custom ICOM 13-pin ACC port cable. That's what I did with my 706 to interface to an amp since the 706 has no amp relay port.

Of course, if you're handy enough, you can probably construct your own interface, which uses the "HSEND" pin on the ACC port (like the ARB-704 does, I believe) to key the amp (as I recollect, without looking it up again, "HSEND" is pulled to ground when the 706 is keyed). I think there's some homebrew examples out there on the web.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: w4gkm1234
To: ic706@yahoogroups.com
Sent: Thursday, January 19, 2012 11:09 PM
Subject: [ic706] 706 and Amp.

My first post:

Need suggestions on best way to connect 706 and Yaesu FT-2100B. I operate RTTY mostly and the ACC socket has the RTTY conection. Can I use the RTTY to connect the amp?

Thanks everyone.

Nick
w4gkm

[Non-text portions of this message have been removed]

# 19417. Re: [ic706] 706 output "spikes" and Amp.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 15:41:11 UTC
From: Larry J. Ford
Topic: 19417  Message: 19417

It is, indeed, a problem with the 706, and Phil Salas has written extensively about it.

He published an article (QST, I believe) demonstrating an "RF attenuator" he constructed to sit between the RF output of the 706 and the RF input of his solid-state Ameritron ALS-600 amp. I think he ended up with a 2 or 3 dB "buffer" so that he could run the 706 at full output power (where the ALC works better) and yet hold the input power to the ALS-600 to the 60 or 70 watts the amp could tolerate with triggering the excess input power protection circuit, which would take the amp off-line.

I have an ALS-600, also, but don't use either of my 706s with it. I use my 7200 with the ALS-600 and so far the two seem to play together well, even though the ALS-600 needs only 45 watts drive on 75 meters for 600 watts output, rising to around 70 watts drive on 20 meters.

I also use the 7200 with an Ameritron AL-1200, and it will take the full output of the 7200, spikes and all, without flinching! However, I probably would use the 706 only with the AL-1200 and not the ALS-600 unless I constructed one of Phil's devices.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Friday, January 20, 2012 10:00 AM
Subject: Re: [ic706] 706 and Amp.

Can't give you specific advice but the 706 often has a 100w spike when not at full power so hopefully that amp will tolerate 100w drive for a millisecond. I don't know if that has ever been a problem but it is with some amps and the new icom 7410 and kenwood Ts-590. I'm sure you'd rather be on the safe side. The problem usually arises in a amp that requires a low 40w drive for legal limit and then hitting it with a 100w spike. I don't know if it's a issue with the 706 series but it does spike. That's how the alc works.

Does anyone know if this has ever been a issue?

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

On Jan 19, 2012, at 10:09 PM, "w4gkm1234" <w4gkm1234@...> wrote:

> My first post:
>

> Need suggestions on best way to connect 706 and Yaesu FT-2100B. I operate RTTY mostly and the ACC socket has the RTTY conection. Can I use the RTTY to connect the amp?
>
> Thanks everyone.
>
> Nick
> w4gkm
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19418. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 16:21:19 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19418

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /AH-2b Mobile Antenna System/AH-2b Antenna Coupling Stud.JPG
Uploaded by : lford1951 <lford@...>
Description : Photo showing "missing" coupling stud

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/AH-2b%20Mobile%20Antenna%20System/AH-2b%20Antenn
a%20Coupling%20Stud.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

lford1951 <lford@...>

# 19419. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 16:22:39 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19419

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /AH-2b Mobile Antenna System/AH-2b Antenna Manual and Schematic.pdf
Uploaded by : lford1951 <lford@...>
Description : Manual and Drawings for AH-2b Antenna

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/AH-2b%20Mobile%20Antenna%20System/AH-2b%20Antenna%20Manual%20and%20Schematic.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

lford1951 <lford@...>

# 19420. Re: IC706MKii - TX Power drop on all bands after half hour.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 16:40:05 UTC
From: john baker
Topic: 19384  Message: 19420

As for the speaker/headphone issue: You may jus need to wiggle the connector for the speaker. It may just have some corrosion on it.

For the power drop: By a similar token, It sounds like it happens just as the rig has gotten good and warmed up. The first thing I would try is to pop the hood and make sure everything inside is tight, especially screws for the circuit boards. It could just be that there is good contact while it is cold but as things expand when warmed up it is just enough to cause a bad contact.

Every issue I have ever had with this little rig has been a contact issue, being mobil usually external in my case.

God bless
73
jb
kg6biw

*Hi Simon. Mine has the same symptoms as Ralph. VHF-UHF is ok, problem happens when on HF. it could be an operational amplifier as you mentioned. in this particular radio i change one OP before, audio was muffled on all bands, don't remember the IC number but it was that, i change it and that was it.*
*i suspect so far of the SWR sensing diode, IC rf preamplifier or any additional OP in the SWR sensing path.*
*--- In **ic706@yahoogroups.com* <ic706@yahoogroups.com>*, "ZL1SWW" <hanzinzl@...> wrote:
>
> Hi Pedro,
> Does your radio do it on all bands? Mine does it on both 2m & hf / 6m. There is a VFOR / FOR Signal that gets combined on the main board and then compared with the D/A off the micro for RF power. The two voltages are also compared and if one exceeds the other, it could also drop the RF back. That one is a bit hard to measure due to the OP amp being under the board..
>
> I guess it's possible for some vicious loop re RF power control to do the same thing. I will chnage teh 2709 MMIC chip whne it turns up and see what happens. Can't hurt..
>
> Cheers,
> Simon
> ZL1SWW.*

[Non-text portions of this message have been removed]

# 19421. Re: AH-2b Antenna System - Help

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-20 23:59:32 UTC
From: Bob MacDonnell
Topic: 19406  Message: 19421

I was in a Sears store in Texas that had an impressive fastening display also. But before you waste too much time on the antenna you might want to look at:
http://www.eham.net/reviews/detail/7447

73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Mike,
>
> No fastener supply shops here (rural area in the mountains of Western North Carolina), but there is a Lowe's over in Murphy, NC, about 16 miles away and a Home Depot in Blairsville, GA, about 12 miles away.
>
> That's a good suggestion. Hope they carry metric sizes.
>
> Larry J. Ford
> KG4GPJ
.....

# 19422. tinny audio above 40 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-21 19:33:00 UTC
From: Dale
Topic: 19422  Message: 19422

My 706MK2 has been working great, yesterday after switching from 40 to 20 meters I noticed the audio sounded tinny or like it was switching from stero to mono. on 40 and 80 meters it still sounds good but every other band is tinny sounding. It doesn't seem to matter if it is the radio speaker or a external speaker. Anyone have any idea of what is going on?

Dale,
AB9VR

# 19423. Re: tinny audio above 40 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-23 00:17:01 UTC
From: glmcduffie
Topic: 19422  Message: 19423

--- In ic706@yahoogroups.com, "Dale" <WireU@...> wrote:
>
> My 706MK2 has been working great, yesterday after switching from 40 to 20 meters I noticed the audio sounded tinny or like it was switching from stero to mono. on 40 and 80 meters it still sounds good but every other band is tinny sounding. It doesn't seem to matter if it is the radio speaker or a external speaker. Anyone have any idea of what is going on?
>
> Dale,
> AB9VR
>

Check that your IF Shift is centered.

Gary

# 19424. Re: tinny audio above 40 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-23 00:17:29 UTC
From: glmcduffie
Topic: 19422  Message: 19424

--- In ic706@yahoogroups.com, "Dale" <WireU@...> wrote:
>
> My 706MK2 has been working great, yesterday after switching from 40 to 20 meters I noticed the audio sounded tinny or like it was switching from stero to mono. on 40 and 80 meters it still sounds good but every other band is tinny sounding. It doesn't seem to matter if it is the radio speaker or a external speaker. Anyone have any idea of what is going on?
>
> Dale,
> AB9VR
>

Check that your IF Shift is centered.

Gary

# 19425. Re: tinny audio above 40 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-23 03:10:16 UTC
From: WireU@aol.com
Topic: 19422  Message: 19425

Gary, Thanks, the IF shift is centered.

Dale

Check that your IF Shift is centered.

Gary

[Non-text portions of this message have been removed]

# 19426. Re: [ic706] Re: tinny audio above 40 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-23 03:38:38 UTC
From: Ralph Mowery
Topic: 19422  Message: 19426

As you normally use lsb on 40 and below and usb above, find an AM station, WWV may be a good one to start with, and listen to it on ssb.  Switch between lsb and usb and see if it is tinny on usb.  If so, the usb frequency needs to be adjusted.

--- On Sun, 1/22/12, WireU@... <WireU@aol.com> wrote:

From: WireU@... <WireU@...>
Subject: [ic706] Re: tinny audio above 40 meters
To: ic706@yahoogroups.com
Date: Sunday, January 22, 2012, 10:10 PM

Gary, Thanks, the IF shift is centered.

Dale

Check that your IF Shift is  centered.

Gary

[Non-text portions of this message have been removed]

# 19427. ICOM-706 memory spontaniously clearing?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 14:27:44 UTC
From: cutterjeff
Topic: 19427  Message: 19427

I picked up an old ICOM-706 (original, not MKII, not G) recently for use in my truck.

Works great, and I'm really enjoying the thing, except for one issue.

Twice now, I've turned the key and all memories in the radio were blank.

The first time, I'd left the truck parked for less than 15 minutes. Park, get out, unload, get back in, turn the key, and all the memories are blank.

Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM, and ... blank.

I thought to myself, "Ah! older radio, need to change the memory battery.... " but the manual says it's all EEPROM, so that can't be it.

Has anyone had this kind of problem?
Is there any fix for it?

73,
AI4YC

# 19428. RE: [ic706] ICOM-706 memory spontaneously clearing?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 15:40:05 UTC
From: Bob Reiff
Topic: 19427  Message: 19428

Voltage spikes when starting can do strange things if the radio is connected directly to the battery. Just as an experiment I'd try being sure that the radio is momentarily disconnected from the battery while cranking the engine. A relay with 20-25 amp contacts keyed from the "on" position of the ignition key should do the trick. Be sure the relay drops out when the engine is cranking or when it is off.

Just an experiment to see if it helps. Easily removed if not needed. However, you may want to keep it because 706's have been known to drain a car battery after a few days because of their higher than average current draw even when turned off.

73,

Bob, WA8ULW

From: cutterjeff [mailto:schwartz.jeffrey@...]
Sent: January 25, 2012 09:28
To: ic706@yahoogroups.com
Subject: [ic706] ICOM-706 memory spontaniously clearing?

I picked up an old ICOM-706 (original, not MKII, not G) recently for use in my truck.

Works great, and I'm really enjoying the thing, except for one issue.

Twice now, I've turned the key and all memories in the radio were blank.

The first time, I'd left the truck parked for less than 15 minutes. Park, get out, unload, get back in, turn the key, and all the memories are blank.

Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM, and ... blank.

I thought to myself, "Ah! older radio, need to change the memory battery.... " but the manual says it's all EEPROM, so that can't be it.

Has anyone had this kind of problem?
Is there any fix for it?

73,
AI4YC

[Non-text portions of this message have been removed]

# 19429. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:01:16 UTC
From: Larry J. Ford
Topic: 19429  Message: 19429

Wasn't there a "homebrew" project in QST in recent years which employed a relay and/or IC timer to (1) delay the application of power from the battery to the rig for a few seconds while the vehicle was being started and (2) delay the shutoff of power to the rig until something 1ike 10 seconds after the ignition switch was turned-off? Seems like avoiding the power spikes described below was the goal.

I also think there is a commercial product which does the same but is a bit pricey. Homebrewing a device like this would seem like a fun and useful project - not that I'm capable of designing or prototyping it!

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Bob Reiff
To: ic706@yahoogroups.com
Sent: Wednesday, January 25, 2012 10:40 AM
Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?

Voltage spikes when starting can do strange things if the radio is connected directly to the battery. Just as an experiment I'd try being sure that the radio is momentarily disconnected from the battery while cranking the engine. A relay with 20-25 amp contacts keyed from the "on" position of the ignition key should do the trick. Be sure the relay drops out when the engine is cranking or when it is off.

Just an experiment to see if it helps. Easily removed if not needed. However, you may want to keep it because 706's have been known to drain a car battery after a few days because of their higher than average current draw even when turned off.

73,

Bob, WA8ULW

From: cutterjeff [mailto:schwartz.jeffrey@...]
Sent: January 25, 2012 09:28
To: ic706@yahoogroups.com
Subject: [ic706] ICOM-706 memory spontaniously clearing?

I picked up an old ICOM-706 (original, not MKII, not G) recently for use in my truck.

Works great, and I'm really enjoying the thing, except for one issue.

Twice now, I've turned the key and all memories in the radio were blank.

The first time, I'd left the truck parked for less than 15 minutes. Park, get out, unload, get back in, turn the key, and all the memories are blank.

Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM, and ... blank.

I thought to myself, "Ah! older radio, need to change the memory battery.... " but the manual says it's all EEPROM, so that can't be it.

Has anyone had this kind of problem?
Is there any fix for it?

73,
AI4YC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19430. Re: [ic706] ICOM-706 memory spontaneously clearing?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 15:44:47 UTC
From: Jeffrey Schwartz
Topic: 19427  Message: 19430

I've got it wired to the fuse panel in the truck -
It only gets power when the key is in "on"
During cranking, or when the key is off, the radio gets no power.

Figured putting it in that way would keep the battery from running
down - I had that happen once with a different radio, and did not
enjoy the walk.

On Wed, Jan 25, 2012 at 10:40, Bob Reiff <wa8ulw@...> wrote:
> Voltage spikes when starting can do strange things if the radio is connected
> directly to the battery.  Just as an experiment I'd try being sure that the
> radio is momentarily disconnected from the battery while cranking the
> engine.  A relay with 20-25 amp contacts keyed from the "on" position of the
> ignition key should do the trick.  Be sure the relay drops out when the
> engine is cranking or when it is off.
>
>
>
> Just an experiment to see if it helps.  Easily removed if not needed.
> However, you may want to keep it because 706's have been known to drain a
> car battery after a few days because of their higher than average current
> draw even when turned off.
>
>
>
> 73,
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>
> From: cutterjeff [mailto:schwartz.jeffrey@...]
> Sent: January 25, 2012 09:28
> To: ic706@yahoogroups.com
> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>
>
>
>
>
>
> I picked up an old ICOM-706 (original, not MKII, not G) recently for use in

> my truck.
>
> Works great, and I'm really enjoying the thing, except for one issue.
>
> Twice now, I've turned the key and all memories in the radio were blank.
>
> The first time, I'd left the truck parked for less than 15 minutes. Park,
> get out, unload, get back in, turn the key, and all the memories are blank.
>
> Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM,
> and ... blank.
>
> I thought to myself, "Ah! older radio, need to change the memory battery....
> " but the manual says it's all EEPROM, so that can't be it.
>
> Has anyone had this kind of problem?
> Is there any fix for it?
>
> 73,
> AI4YC
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19431. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:06:35 UTC
From: Jack Foster
Topic: 19429  Message: 19431

Wait, if this radio has been in this vehicle for a while then you might
want to have the battery tested.
On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:

> Wasn't there a "homebrew" project in QST in recent years which employed a
> relay and/or IC timer to (1) delay the application of power from the
> battery to the rig for a few seconds while the vehicle was being started
> and (2) delay the shutoff of power to the rig until something 1ike 10
> seconds after the ignition switch was turned-off? Seems like avoiding the
> power spikes described below was the goal.
>
> I also think there is a commercial product which does the same but is a
> bit pricey. Homebrewing a device like this would seem like a fun and
> useful project - not that I'm capable of designing or prototyping it!
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Bob Reiff
> To: ic706@yahoogroups.com
> Sent: Wednesday, January 25, 2012 10:40 AM
> Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>
>
>
> Voltage spikes when starting can do strange things if the radio is
> connected
> directly to the battery. Just as an experiment I'd try being sure that the
> radio is momentarily disconnected from the battery while cranking the
> engine. A relay with 20-25 amp contacts keyed from the "on" position of
> the
> ignition key should do the trick. Be sure the relay drops out when the
> engine is cranking or when it is off.
>
> Just an experiment to see if it helps. Easily removed if not needed.
> However, you may want to keep it because 706's have been known to drain a
> car battery after a few days because of their higher than average current
> draw even when turned off.
>
> 73,
>
> Bob, WA8ULW
>
> From: cutterjeff [mailto:schwartz.jeffrey@...]

> Sent: January 25, 2012 09:28
> To: ic706@yahoogroups.com
> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>
> I picked up an old ICOM-706 (original, not MKII, not G) recently for use
> in
> my truck.
>
> Works great, and I'm really enjoying the thing, except for one issue.
>
> Twice now, I've turned the key and all memories in the radio were blank.
>
> The first time, I'd left the truck parked for less than 15 minutes. Park,
> get out, unload, get back in, turn the key, and all the memories are
> blank.
>
> Second time was last night. Parked at 6:30 PM, started the truck at 6:05
> AM,
> and ... blank.
>
> I thought to myself, "Ah! older radio, need to change the memory
> battery....
> " but the manual says it's all EEPROM, so that can't be it.
>
> Has anyone had this kind of problem?
> Is there any fix for it?
>
> 73,
> AI4YC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19432. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:15:25 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19432

I've had it about a month - my wife got it for me for Christmas.
She bought it off another ham.
I'm fortunate that my wife got into Ham radio when I did, and enjoys
it as much as I do.

Getting the battery tested couldn't hurt , though.
I do have one confusion: even if the battery zeroed, shouldn't the
EEPROM hold memory setting?

On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...> wrote:
> Wait, if this radio has been in this vehicle for a while then you might
> want to have the battery tested.
> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
>
>> Wasn't there a "homebrew" project in QST in recent years which employed a
>> relay and/or IC timer to (1) delay the application of power from the
>> battery to the rig for a few seconds while the vehicle was being started
>> and (2) delay the shutoff of power to the rig until something 1ike 10
>> seconds after the ignition switch was turned-off?  Seems like avoiding the
>> power spikes described below was the goal.
>>
>> I also think there is a commercial product which does the same but is a
>> bit pricey.  Homebrewing a device like this would seem like a fun and
>> useful project - not that I'm capable of designing or prototyping it!
>>
>> Larry J. Ford
>> KG4GPJ
>>
>>  ----- Original Message -----
>>  From: Bob Reiff
>>  To: ic706@yahoogroups.com
>>  Sent: Wednesday, January 25, 2012 10:40 AM
>>  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>>
>>
>>
>>  Voltage spikes when starting can do strange things if the radio is
>> connected
>>  directly to the battery. Just as an experiment I'd try being sure that the
>>  radio is momentarily disconnected from the battery while cranking the
>>  engine. A relay with 20-25 amp contacts keyed from the "on" position of
>> the
>>  ignition key should do the trick. Be sure the relay drops out when the
>>  engine is cranking or when it is off.
>>

>>  Just an experiment to see if it helps. Easily removed if not needed.
>>  However, you may want to keep it because 706's have been known to drain a
>>  car battery after a few days because of their higher than average current
>>  draw even when turned off.
>>
>>  73,
>>
>>  Bob, WA8ULW
>>
>>  From: cutterjeff [mailto:schwartz.jeffrey@...]
>>  Sent: January 25, 2012 09:28
>>  To: ic706@yahoogroups.com
>>  Subject: [ic706] ICOM-706 memory spontaniously clearing?
>>
>>  I picked up an old ICOM-706 (original, not MKII, not G) recently for use
>> in
>>  my truck.
>>
>>  Works great, and I'm really enjoying the thing, except for one issue.
>>
>>  Twice now, I've turned the key and all memories in the radio were blank.
>>
>>  The first time, I'd left the truck parked for less than 15 minutes. Park,
>>  get out, unload, get back in, turn the key, and all the memories are
>> blank.
>>
>>  Second time was last night. Parked at 6:30 PM, started the truck at 6:05
>> AM,
>>  and ... blank.
>>
>>  I thought to myself, "Ah! older radio, need to change the memory
>> battery....
>>  " but the manual says it's all EEPROM, so that can't be it.
>>
>>  Has anyone had this kind of problem?
>>  Is there any fix for it?
>>
>>  73,
>>  AI4YC
>>
>>  [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>

>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19433. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:21:30 UTC
From: Jack
Topic: 19429  Message: 19433

it should but as was said spikes can wipe it, do you have it off or on when starting? if it is off then this point is mute. what area are you in Jeff?

-----Original Message-----
From: Jeffrey Schwartz
Sent: Wednesday, January 25, 2012 11:15 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

I've had it about a month - my wife got it for me for Christmas.
She bought it off another ham.
I'm fortunate that my wife got into Ham radio when I did, and enjoys
it as much as I do.

Getting the battery tested couldn't hurt , though.
I do have one confusion: even if the battery zeroed, shouldn't the
EEPROM hold memory setting?

On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...>
wrote:
> Wait, if this radio has been in this vehicle for a while then you might
> want to have the battery tested.
> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
>
>> Wasn't there a "homebrew" project in QST in recent years which employed a
>> relay and/or IC timer to (1) delay the application of power from the
>> battery to the rig for a few seconds while the vehicle was being started
>> and (2) delay the shutoff of power to the rig until something 1ike 10
>> seconds after the ignition switch was turned-off? Seems like avoiding
>> the
>> power spikes described below was the goal.
>>
>> I also think there is a commercial product which does the same but is a
>> bit pricey. Homebrewing a device like this would seem like a fun and
>> useful project - not that I'm capable of designing or prototyping it!
>>
>> Larry J. Ford
>> KG4GPJ
>>
>> ----- Original Message -----
>> From: Bob Reiff
>> To: ic706@yahoogroups.com
>> Sent: Wednesday, January 25, 2012 10:40 AM
>> Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>>
>>

>>
>> Voltage spikes when starting can do strange things if the radio is
>> connected
>> directly to the battery. Just as an experiment I'd try being sure that
>> the
>> radio is momentarily disconnected from the battery while cranking the
>> engine. A relay with 20-25 amp contacts keyed from the "on" position of
>> the
>> ignition key should do the trick. Be sure the relay drops out when the
>> engine is cranking or when it is off.
>>
>> Just an experiment to see if it helps. Easily removed if not needed.
>> However, you may want to keep it because 706's have been known to drain
>> a
>> car battery after a few days because of their higher than average
>> current
>> draw even when turned off.
>>
>> 73,
>>
>> Bob, WA8ULW
>>
>> From: cutterjeff [mailto:schwartz.jeffrey@...]
>> Sent: January 25, 2012 09:28
>> To: ic706@yahoogroups.com
>> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>>
>> I picked up an old ICOM-706 (original, not MKII, not G) recently for use
>> in
>> my truck.
>>
>> Works great, and I'm really enjoying the thing, except for one issue.
>>
>> Twice now, I've turned the key and all memories in the radio were blank.
>>
>> The first time, I'd left the truck parked for less than 15 minutes.
>> Park,
>> get out, unload, get back in, turn the key, and all the memories are
>> blank.
>>
>> Second time was last night. Parked at 6:30 PM, started the truck at 6:05
>> AM,
>> and ... blank.
>>
>> I thought to myself, "Ah! older radio, need to change the memory
>> battery....
>> " but the manual says it's all EEPROM, so that can't be it.
>>
>> Has anyone had this kind of problem?
>> Is there any fix for it?

>>
>> 73,
>> AI4YC
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

---

Yahoo! Groups Links

# 19434. Re: [ic706] ICOM-706 memory spontaneously clearing?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:22:25 UTC
From: Jack
Topic: 19427  Message: 19434

well the starter point is now mute.

-----Original Message-----
From: Jeffrey Schwartz
Sent: Wednesday, January 25, 2012 10:44 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] ICOM-706 memory spontaneously clearing?

I've got it wired to the fuse panel in the truck -
It only gets power when the key is in "on"
During cranking, or when the key is off, the radio gets no power.

Figured putting it in that way would keep the battery from running
down - I had that happen once with a different radio, and did not
enjoy the walk.

On Wed, Jan 25, 2012 at 10:40, Bob Reiff <wa8ulw@...> wrote:
> Voltage spikes when starting can do strange things if the radio is
> connected
> directly to the battery. Just as an experiment I'd try being sure that
> the
> radio is momentarily disconnected from the battery while cranking the
> engine. A relay with 20-25 amp contacts keyed from the "on" position of
> the
> ignition key should do the trick. Be sure the relay drops out when the
> engine is cranking or when it is off.
>
>
>
> Just an experiment to see if it helps. Easily removed if not needed.
> However, you may want to keep it because 706's have been known to drain a
> car battery after a few days because of their higher than average current
> draw even when turned off.
>
>
>
> 73,
>
> Bob, WA8ULW
>
>
>
>
>
>
>
>

> From: cutterjeff [mailto:schwartz.jeffrey@...]
> Sent: January 25, 2012 09:28
> To: ic706@yahoogroups.com
> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>
>
>
>
>
> I picked up an old ICOM-706 (original, not MKII, not G) recently for use
> in
> my truck.
>
> Works great, and I'm really enjoying the thing, except for one issue.
>
> Twice now, I've turned the key and all memories in the radio were blank.
>
> The first time, I'd left the truck parked for less than 15 minutes. Park,
> get out, unload, get back in, turn the key, and all the memories are
> blank.
>
> Second time was last night. Parked at 6:30 PM, started the truck at 6:05
> AM,
> and ... blank.
>
> I thought to myself, "Ah! older radio, need to change the memory
> battery....
> " but the manual says it's all EEPROM, so that can't be it.
>
> Has anyone had this kind of problem?
> Is there any fix for it?
>
> 73,
> AI4YC
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

---

Yahoo! Groups Links

# 19435. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:26:48 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19435

I'm in Florida.

I think it was on during starting.
I guess I need to get in the habit of shutting it off.

On Wed, Jan 25, 2012 at 11:21, Jack <jack.mrfixit198@...> wrote:
> it should but as was said spikes can wipe it, do you have it off or on when
> starting? if it is off then this point is mute. what area are you in Jeff?
>
> -----Original Message-----
> From: Jeffrey Schwartz
> Sent: Wednesday, January 25, 2012 11:15 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?
>
> I've had it about a month - my wife got it for me for Christmas.
> She bought it off another ham.
> I'm fortunate that my wife got into Ham radio when I did, and enjoys
> it as much as I do.
>
> Getting the battery tested couldn't hurt , though.
> I do have one confusion: even if the battery zeroed, shouldn't the
> EEPROM hold memory setting?
>
> On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...>
> wrote:
>> Wait, if this radio has been in this vehicle for a while then you might
>> want to have the battery tested.
>> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
>>
>>> Wasn't there a "homebrew" project in QST in recent years which employed a
>>> relay and/or IC timer to (1) delay the application of power from the
>>> battery to the rig for a few seconds while the vehicle was being started
>>> and (2) delay the shutoff of power to the rig until something 1ike 10
>>> seconds after the ignition switch was turned-off?  Seems like avoiding
>>> the
>>> power spikes described below was the goal.
>>>
>>> I also think there is a commercial product which does the same but is a
>>> bit pricey.  Homebrewing a device like this would seem like a fun and
>>> useful project - not that I'm capable of designing or prototyping it!
>>>
>>> Larry J. Ford
>>> KG4GPJ
>>>

>>>  ----- Original Message -----
>>>  From: Bob Reiff
>>>  To: ic706@yahoogroups.com
>>>  Sent: Wednesday, January 25, 2012 10:40 AM
>>>  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>>>
>>>
>>>
>>>  Voltage spikes when starting can do strange things if the radio is
>>> connected
>>>  directly to the battery. Just as an experiment I'd try being sure that
>>> the
>>>  radio is momentarily disconnected from the battery while cranking the
>>>  engine. A relay with 20-25 amp contacts keyed from the "on" position of
>>> the
>>>  ignition key should do the trick. Be sure the relay drops out when the
>>>  engine is cranking or when it is off.
>>>
>>>  Just an experiment to see if it helps. Easily removed if not needed.
>>>  However, you may want to keep it because 706's have been known to drain
>>> a
>>>  car battery after a few days because of their higher than average
>>> current
>>>  draw even when turned off.
>>>
>>>  73,
>>>
>>>  Bob, WA8ULW
>>>
>>>  From: cutterjeff [mailto:schwartz.jeffrey@gmail.com]
>>>  Sent: January 25, 2012 09:28
>>>  To: ic706@yahoogroups.com
>>>  Subject: [ic706] ICOM-706 memory spontaniously clearing?
>>>
>>>  I picked up an old ICOM-706 (original, not MKII, not G) recently for use
>>> in
>>>  my truck.
>>>
>>>  Works great, and I'm really enjoying the thing, except for one issue.
>>>
>>>  Twice now, I've turned the key and all memories in the radio were blank.
>>>
>>>  The first time, I'd left the truck parked for less than 15 minutes.
>>> Park,
>>>  get out, unload, get back in, turn the key, and all the memories are
>>> blank.
>>>
>>>  Second time was last night. Parked at 6:30 PM, started the truck at 6:05
>>> AM,
>>>  and ... blank.

>>>
>>>  I thought to myself, "Ah! older radio, need to change the memory
>>> battery....
>>>  " but the manual says it's all EEPROM, so that can't be it.
>>>
>>>  Has anyone had this kind of problem?
>>>  Is there any fix for it?
>>>
>>>  73,
>>>  AI4YC
>>>
>>>  [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19436. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 16:03:16 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19436

I played with the idea of putting a small 12V rechargeable battery on
some kind of isolator, then powering the radio from that.

Has anyone tried that?

On Wed, Jan 25, 2012 at 11:01, Larry J. Ford <lford@...> wrote:
> Wasn't there a "homebrew" project in QST in recent years which employed a relay and/or IC timer to (1) delay the application of power from the battery to the rig for a few seconds while the vehicle was being started and (2) delay the shutoff of power to the rig until something 1ike 10 seconds after the ignition switch was turned-off?  Seems like avoiding the power spikes described below was the goal.
>
> I also think there is a commercial product which does the same but is a bit pricey.
 Homebrewing a device like this would seem like a fun and useful project - not that I'm capable of designing or prototyping it!
>
> Larry J. Ford
> KG4GPJ
>
>  ----- Original Message -----
>  From: Bob Reiff
>  To: ic706@yahoogroups.com
>  Sent: Wednesday, January 25, 2012 10:40 AM
>  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>
>
>
>  Voltage spikes when starting can do strange things if the radio is connected
>  directly to the battery. Just as an experiment I'd try being sure that the
>  radio is momentarily disconnected from the battery while cranking the
>  engine. A relay with 20-25 amp contacts keyed from the "on" position of the
>  ignition key should do the trick. Be sure the relay drops out when the
>  engine is cranking or when it is off.
>
>  Just an experiment to see if it helps. Easily removed if not needed.
>  However, you may want to keep it because 706's have been known to drain a
>  car battery after a few days because of their higher than average current
>  draw even when turned off.
>
>  73,
>
>  Bob, WA8ULW
>
>  From: cutterjeff [mailto:schwartz.jeffrey@...]
>  Sent: January 25, 2012 09:28

> To: ic706@yahoogroups.com
> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>
> I picked up an old ICOM-706 (original, not MKII, not G) recently for use in
> my truck.
>
> Works great, and I'm really enjoying the thing, except for one issue.
>
> Twice now, I've turned the key and all memories in the radio were blank.
>
> The first time, I'd left the truck parked for less than 15 minutes. Park,
> get out, unload, get back in, turn the key, and all the memories are blank.
>
> Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM,
> and ... blank.
>
> I thought to myself, "Ah! older radio, need to change the memory battery....
> " but the manual says it's all EEPROM, so that can't be it.
>
> Has anyone had this kind of problem?
> Is there any fix for it?
>
> 73,
> AI4YC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19437. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 17:04:43 UTC
From: Larry J. Ford
Topic: 19429  Message: 19437

It shouldn't be too small or the 706 will drain it very quickly.

Seems like it would have to be recharging constantly from the vehicle power, but perhaps that's what you've got in mind.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jeffrey Schwartz
To: ic706@yahoogroups.com
Sent: Wednesday, January 25, 2012 11:03 AM
Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

I played with the idea of putting a small 12V rechargeable battery on
some kind of isolator, then powering the radio from that.

Has anyone tried that?

On Wed, Jan 25, 2012 at 11:01, Larry J. Ford <lford@...> wrote:
> Wasn't there a "homebrew" project in QST in recent years which employed a relay and/or IC timer to (1) delay the application of power from the battery to the rig for a few seconds while the vehicle was being started and (2) delay the shutoff of power to the rig until something 1ike 10 seconds after the ignition switch was turned-off? Seems like avoiding the power spikes described below was the goal.
>
> I also think there is a commercial product which does the same but is a bit pricey. Homebrewing a device like this would seem like a fun and useful project - not that I'm capable of designing or prototyping it!
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Bob Reiff
> To: ic706@yahoogroups.com
> Sent: Wednesday, January 25, 2012 10:40 AM
> Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>
>
>
>
> Voltage spikes when starting can do strange things if the radio is connected
> directly to the battery. Just as an experiment I'd try being sure that the
> radio is momentarily disconnected from the battery while cranking the
> engine. A relay with 20-25 amp contacts keyed from the "on" position of the
> ignition key should do the trick. Be sure the relay drops out when the
> engine is cranking or when it is off.

>
> Just an experiment to see if it helps. Easily removed if not needed.
> However, you may want to keep it because 706's have been known to drain a
> car battery after a few days because of their higher than average current
> draw even when turned off.
>
> 73,
>
> Bob, WA8ULW
>
> From: cutterjeff [mailto:schwartz.jeffrey@...]
> Sent: January 25, 2012 09:28
> To: ic706@yahoogroups.com
> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>
> I picked up an old ICOM-706 (original, not MKII, not G) recently for use in
> my truck.
>
> Works great, and I'm really enjoying the thing, except for one issue.
>
> Twice now, I've turned the key and all memories in the radio were blank.
>
> The first time, I'd left the truck parked for less than 15 minutes. Park,
> get out, unload, get back in, turn the key, and all the memories are blank.
>
> Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM,
> and ... blank.
>
> I thought to myself, "Ah! older radio, need to change the memory battery....
> " but the manual says it's all EEPROM, so that can't be it.
>
> Has anyone had this kind of problem?
> Is there any fix for it?
>
> 73,
> AI4YC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>

[Non-text portions of this message have been removed]

# 19438. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 17:07:20 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19438

That's where I was going - sort of like a little UPS

On Wed, Jan 25, 2012 at 12:04, Larry J. Ford <lford@...> wrote:
> It shouldn't be too small or the 706 will drain it very quickly.
>
> Seems like it would have to be recharging constantly from the vehicle power, but perhaps that's what you've got in mind.
>
> Larry J. Ford
> KG4GPJ
>  ----- Original Message -----
>  From: Jeffrey Schwartz
>  To: ic706@yahoogroups.com
>  Sent: Wednesday, January 25, 2012 11:03 AM
>  Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?
>
>
>
>  I played with the idea of putting a small 12V rechargeable battery on
>  some kind of isolator, then powering the radio from that.
>
>  Has anyone tried that?
>
>  On Wed, Jan 25, 2012 at 11:01, Larry J. Ford <lford@...> wrote:
>  > Wasn't there a "homebrew" project in QST in recent years which employed a relay and/or IC timer to (1) delay the application of power from the battery to the rig for a few seconds while the vehicle was being started and (2) delay the shutoff of power to the rig until something 1ike 10 seconds after the ignition switch was turned-off?  Seems like avoiding the power spikes described below was the goal.
>  >
>  > I also think there is a commercial product which does the same but is a bit pricey.  Homebrewing a device like this would seem like a fun and useful project - not that I'm capable of designing or prototyping it!
>  >
>  > Larry J. Ford
>  > KG4GPJ
>  >
>  >  ----- Original Message -----
>  >  From: Bob Reiff
>  >  To: ic706@yahoogroups.com
>  >  Sent: Wednesday, January 25, 2012 10:40 AM
>  >  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>  >
>  >
>  >

> > Voltage spikes when starting can do strange things if the radio is connected
> > directly to the battery. Just as an experiment I'd try being sure that the
> > radio is momentarily disconnected from the battery while cranking the
> > engine. A relay with 20-25 amp contacts keyed from the "on" position of the
> > ignition key should do the trick. Be sure the relay drops out when the
> > engine is cranking or when it is off.
> >
> > Just an experiment to see if it helps. Easily removed if not needed.
> > However, you may want to keep it because 706's have been known to drain a
> > car battery after a few days because of their higher than average current
> > draw even when turned off.
> >
> > 73,
> >
> > Bob, WA8ULW
> >
> > From: cutterjeff [mailto:schwartz.jeffrey@gmail.com]
> > Sent: January 25, 2012 09:28
> > To: ic706@yahoogroups.com
> > Subject: [ic706] ICOM-706 memory spontaniously clearing?
> >
> > I picked up an old ICOM-706 (original, not MKII, not G) recently for use in
> > my truck.
> >
> > Works great, and I'm really enjoying the thing, except for one issue.
> >
> > Twice now, I've turned the key and all memories in the radio were blank.
> >
> > The first time, I'd left the truck parked for less than 15 minutes. Park,
> > get out, unload, get back in, turn the key, and all the memories are blank.
> >
> > Second time was last night. Parked at 6:30 PM, started the truck at 6:05 AM,
> > and ... blank.
> >
> > I thought to myself, "Ah! older radio, need to change the memory battery....
> > " but the manual says it's all EEPROM, so that can't be it.
> >
> > Has anyone had this kind of problem?
> > Is there any fix for it?
> >
> > 73,
> > AI4YC
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

>  >
>  >
>  >
>  > ------------------------------------
>  >
>  > Yahoo! Groups Links
>  >
>  >
>  >
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19439. RE: [ic706] ICOM-706 memory spontaneously clearing?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 19:13:53 UTC
From: Mark Brueggemann
Topic: 19427  Message: 19439

--- On Wed, 1/25/12, Bob Reiff <wa8ulw@...> wrote:

> 706's have been known to drain a car battery after a few days because
> of their higher than average current draw even when turned off.

Then it's an especially small battery or a broken 706. Current draw should be less than 5mA when off.

Mark K5LXP
Albuquerque, NM

# 19440. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 19:22:50 UTC
From: Mark Brueggemann
Topic: 19429  Message: 19440

--- On Wed, 1/25/12, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:

> I played with the idea of putting a small 12V rechargeable battery on
> some kind of isolator, then powering the radio from that.
>
> Has anyone tried that?

I'm sure a number of people have tried it, but it's an expensive and complicated way to power a radio that should just work directly from the vehicle. There are untold thousands of 706's in untold numbers of different vehicles all over the world that do not require an intermediate power source to operate. Therefore the problem is in your radio, or your vehicle.

First thing I'd check is the integrity of the radio power wiring, the vehicle battery and alternator wiring, engine and chassis grounds, and the radio installation overall. The typical load dump profile of a starting cycle should not bother the radio, but if there's a bad ground or improper power connection you could be subjecting the radio to spikes or chassis current way beyond what it would be expected to tolerate. A relay that cuts off the power during cranking may solve the symptom but you still may have a grounding or power issue.

Mark K5LXP
Albuquerque, NM

# 19441. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 19:28:32 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19441

I'll buy that logic.

Actually, I'd _rather_ it be an issue with the vehicle grounding than
a bad EEPROM.
I can fix grounding...

On Wed, Jan 25, 2012 at 14:22, Mark Brueggemann <qrq_cw@...> wrote:
>
> --- On Wed, 1/25/12, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
>> I played with the idea of putting a small 12V rechargeable battery on
>> some kind of isolator, then powering the radio from that.
>>
>> Has anyone tried that?
>
> I'm sure a number of people have tried it, but it's an expensive and complicated way to power a radio that should just work directly from the vehicle.  There are untold thousands of 706's in untold numbers of different vehicles all over the world that do not require an intermediate power source to operate.  Therefore the problem is in your radio, or your vehicle.
>
> First thing I'd check is the integrity of the radio power wiring, the vehicle battery and alternator wiring, engine and chassis grounds, and the radio installation overall.  The typical load dump profile of a starting cycle should not bother the radio, but if there's a bad ground or improper power connection you could be subjecting the radio to spikes or chassis current way beyond what it would be expected to tolerate.  A relay that cuts off the power during cranking may solve the symptom but you still may have a grounding or power issue.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19442. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 19:37:42 UTC
From: Facility 406 DM09
Topic: 19429  Message: 19442

"There are untold thousands of 706's in untold numbers of different vehicles all over the world that do not require an intermediate power source to operate."

Wait until they all kill their primary battery.... I'll be setting up my new truck with two Optima batteries for starting and another dedicated one for the radio equipment. I've killed far too many batteries in far too many vehicles in nearly two decades leaving a power hungry 706 turned on.

Kurt

# 19443. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 19:54:08 UTC
From: Joe
Topic: 19429  Message: 19443

I keep hearing about these "spikes"when starting... I've had a 706, a 706MKIIG, and now a 7000 in several different vehicles over at least 13 years now, and never once had an issue with this. My Original 706 works as well as the day I bought it, and my 7000 has been mobile from day one, bought right after they were introduced. I would love to hear from someone that actually had a failure PROVEN to be from running the rig off the standard vehicle power system, presumably as they were designed to be run.

Just curious -- I believe going through all that trouble is a waste of time & energy. To have it on a separate system so you don't kill you starting battery is a whole different thing, and I fully understand that logic.

Joe, N3JI

Sent from my Verizon Wireless smartphone

Jeffrey Schwartz <schwartz.jeffrey@gmail.com> wrote:

>I've had it about a month - my wife got it for me for Christmas.
>She bought it off another ham.
>I'm fortunate that my wife got into Ham radio when I did, and enjoys
>it as much as I do.
>
>Getting the battery tested couldn't hurt , though.
>I do have one confusion: even if the battery zeroed, shouldn't the
>EEPROM hold memory setting?
>
>On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@gmail.com> wrote:
>> Wait, if this radio has been in this vehicle for a while then you might
>> want to have the battery tested.
>> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@usa.net> wrote:
>>
>>> Wasn't there a "homebrew" project in QST in recent years which employed a
>>> relay and/or IC timer to (1) delay the application of power from the
>>> battery to the rig for a few seconds while the vehicle was being started
>>> and (2) delay the shutoff of power to the rig until something 1ike 10
>>> seconds after the ignition switch was turned-off?  Seems like avoiding the
>>> power spikes described below was the goal.
>>>
>>> I also think there is a commercial product which does the same but is a
>>> bit pricey.  Homebrewing a device like this would seem like a fun and
>>> useful project - not that I'm capable of designing or prototyping it!
>>>
>>> Larry J. Ford
>>> KG4GPJ
>>>
>>>  ----- Original Message -----

>>>  From: Bob Reiff
>>>  To: ic706@yahoogroups.com
>>>  Sent: Wednesday, January 25, 2012 10:40 AM
>>>  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>>>
>>>
>>>
>>>  Voltage spikes when starting can do strange things if the radio is
>>> connected
>>>  directly to the battery. Just as an experiment I'd try being sure that the
>>>  radio is momentarily disconnected from the battery while cranking the
>>>  engine. A relay with 20-25 amp contacts keyed from the "on" position of
>>> the
>>>  ignition key should do the trick. Be sure the relay drops out when the
>>>  engine is cranking or when it is off.
>>>
>>>  Just an experiment to see if it helps. Easily removed if not needed.
>>>  However, you may want to keep it because 706's have been known to drain a
>>>  car battery after a few days because of their higher than average current
>>>  draw even when turned off.
>>>
>>>  73,
>>>
>>>  Bob, WA8ULW
>>>
>>>  From: cutterjeff [mailto:schwartz.jeffrey@gmail.com]
>>>  Sent: January 25, 2012 09:28
>>>  To: ic706@yahoogroups.com
>>>  Subject: [ic706] ICOM-706 memory spontaniously clearing?
>>>
>>>  I picked up an old ICOM-706 (original, not MKII, not G) recently for use
>>> in
>>>  my truck.
>>>
>>>  Works great, and I'm really enjoying the thing, except for one issue.
>>>
>>>  Twice now, I've turned the key and all memories in the radio were blank.
>>>
>>>  The first time, I'd left the truck parked for less than 15 minutes. Park,
>>>  get out, unload, get back in, turn the key, and all the memories are
>>> blank.
>>>
>>>  Second time was last night. Parked at 6:30 PM, started the truck at 6:05
>>> AM,
>>>  and ... blank.
>>>
>>>  I thought to myself, "Ah! older radio, need to change the memory
>>> battery....
>>>  " but the manual says it's all EEPROM, so that can't be it.
>>>

>>>  Has anyone had this kind of problem?
>>>  Is there any fix for it?
>>>
>>>  73,
>>>  AI4YC
>>>
>>>  [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>

# 19444. Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-25 22:06:16 UTC
From: Jack
Topic: 19429  Message: 19444

I too have to say I have my 706MIIG connected to the second battery in my suburban for more then five years and have never had a problem with the radio I have had problems with the antenna meeting trees and over passes LOL

Jack N6UYB

-----Original Message-----
From: Joe
Sent: Wednesday, January 25, 2012 2:54 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?

I keep hearing about these "spikes"when starting... I've had a 706, a 706MKIIG, and now a 7000 in several different vehicles over at least 13 years now, and never once had an issue with this. My Original 706 works as well as the day I bought it, and my 7000 has been mobile from day one, bought right after they were introduced. I would love to hear from someone that actually had a failure PROVEN to be from running the rig off the standard vehicle power system, presumably as they were designed to be run.

Just curious -- I believe going through all that trouble is a waste of time & energy. To have it on a separate system so you don't kill you starting battery is a whole different thing, and I fully understand that logic.

Joe, N3JI

Sent from my Verizon Wireless smartphone

Jeffrey Schwartz <schwartz.jeffrey@...> wrote:

>I've had it about a month - my wife got it for me for Christmas.
>She bought it off another ham.
>I'm fortunate that my wife got into Ham radio when I did, and enjoys
>it as much as I do.
>
>Getting the battery tested couldn't hurt , though.
>I do have one confusion: even if the battery zeroed, shouldn't the
>EEPROM hold memory setting?
>
>On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...>
>wrote:
>> Wait, if this radio has been in this vehicle for a while then you might
>> want to have the battery tested.
>> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
>>
>>> Wasn't there a "homebrew" project in QST in recent years which employed

>>> a
>>> relay and/or IC timer to (1) delay the application of power from the
>>> battery to the rig for a few seconds while the vehicle was being started
>>> and (2) delay the shutoff of power to the rig until something 1ike 10
>>> seconds after the ignition switch was turned-off? Seems like avoiding
>>> the
>>> power spikes described below was the goal.
>>>
>>> I also think there is a commercial product which does the same but is a
>>> bit pricey. Homebrewing a device like this would seem like a fun and
>>> useful project - not that I'm capable of designing or prototyping it!
>>>
>>> Larry J. Ford
>>> KG4GPJ
>>>
>>> ----- Original Message -----
>>> From: Bob Reiff
>>> To: ic706@yahoogroups.com
>>> Sent: Wednesday, January 25, 2012 10:40 AM
>>> Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>>>
>>>
>>>
>>> Voltage spikes when starting can do strange things if the radio is
>>> connected
>>> directly to the battery. Just as an experiment I'd try being sure that
>>> the
>>> radio is momentarily disconnected from the battery while cranking the
>>> engine. A relay with 20-25 amp contacts keyed from the "on" position of
>>> the
>>> ignition key should do the trick. Be sure the relay drops out when the
>>> engine is cranking or when it is off.
>>>
>>> Just an experiment to see if it helps. Easily removed if not needed.
>>> However, you may want to keep it because 706's have been known to drain
>>> a
>>> car battery after a few days because of their higher than average
>>> current
>>> draw even when turned off.
>>>
>>> 73,
>>>
>>> Bob, WA8ULW
>>>
>>> From: cutterjeff [mailto:schwartz.jeffrey@...]
>>> Sent: January 25, 2012 09:28
>>> To: ic706@yahoogroups.com
>>> Subject: [ic706] ICOM-706 memory spontaniously clearing?
>>>
>>> I picked up an old ICOM-706 (original, not MKII, not G) recently for

>>> use
>>> in
>>> my truck.
>>>
>>> Works great, and I'm really enjoying the thing, except for one issue.
>>>
>>> Twice now, I've turned the key and all memories in the radio were
>>> blank.
>>>
>>> The first time, I'd left the truck parked for less than 15 minutes.
>>> Park,
>>> get out, unload, get back in, turn the key, and all the memories are
>>> blank.
>>>
>>> Second time was last night. Parked at 6:30 PM, started the truck at
>>> 6:05
>>> AM,
>>> and ... blank.
>>>
>>> I thought to myself, "Ah! older radio, need to change the memory
>>> battery....
>>> " but the manual says it's all EEPROM, so that can't be it.
>>>
>>> Has anyone had this kind of problem?
>>> Is there any fix for it?
>>>
>>> 73,
>>> AI4YC
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>>
>>
>>
>> [Non-text portions of this message have been removed]
>>

>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>

---

Yahoo! Groups Links

# 19445. 706MK2G intermittent bad audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 01:10:37 UTC
From: Jimmy
Topic: 19445  Message: 19445

I have just recently developed this problem. All of a sudden, my 706 has bad audio on both Xmit & Recv. On receiver, it sounds like a nearby strong station is desensing my receiver. It only happens fpr a short period of time then reverts back to normal. It does not seem to heat related as it happens if the rig is just turned on or after its been on a while. An muffin fan placed on the unit does not help.

K8YTW

# 19446. Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 13:18:36 UTC
From: gw0div@btinternet.com
Topic: 19429  Message: 19446

The memories live in the control head, at least the seem to on the MK2g - might it just be a control head connection problem?

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> I too have to say I have my 706MIIG connected to the second battery in my
> suburban for more then five years and have never had a problem with the
> radio I have had problems with the antenna meeting trees and over passes
> LOL
>
> Jack N6UYB
>
> -----Original Message-----
> From: Joe
> Sent: Wednesday, January 25, 2012 2:54 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?
>
> I keep hearing about these "spikes"when starting... I've had a 706, a
> 706MKIIG, and now a 7000 in several different vehicles over at least 13
> years now, and never once had an issue with this. My Original 706 works as
> well as the day I bought it, and my 7000 has been mobile from day one,
> bought right after they were introduced. I would love to hear from someone
> that actually had a failure PROVEN to be from running the rig off the
> standard vehicle power system, presumably as they were designed to be run.
>
> Just curious -- I believe going through all that trouble is a waste of time
> & energy. To have it on a separate system so you don't kill you starting
> battery is a whole different thing, and I fully understand that logic.
>
> Joe, N3JI
>
> Sent from my Verizon Wireless smartphone
>
> Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
> >I've had it about a month - my wife got it for me for Christmas.
> >She bought it off another ham.
> >I'm fortunate that my wife got into Ham radio when I did, and enjoys
> >it as much as I do.
> >
> >Getting the battery tested couldn't hurt , though.

> >I do have one confusion: even if the battery zeroed, shouldn't the
> >EEPROM hold memory setting?
> >
> >On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...>
> >wrote:
> >> Wait, if this radio has been in this vehicle for a while then you might
> >> want to have the battery tested.
> >> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
> >>
> >>> Wasn't there a "homebrew" project in QST in recent years which employed
> >>> a
> >>> relay and/or IC timer to (1) delay the application of power from the
> >>> battery to the rig for a few seconds while the vehicle was being started
> >>> and (2) delay the shutoff of power to the rig until something 1ike 10
> >>> seconds after the ignition switch was turned-off? Seems like avoiding
> >>> the
> >>> power spikes described below was the goal.
> >>>
> >>> I also think there is a commercial product which does the same but is a
> >>> bit pricey. Homebrewing a device like this would seem like a fun and
> >>> useful project - not that I'm capable of designing or prototyping it!
> >>>
> >>> Larry J. Ford
> >>> KG4GPJ
> >>>
> >>> ----- Original Message -----
> >>> From: Bob Reiff
> >>> To: ic706@yahoogroups.com
> >>> Sent: Wednesday, January 25, 2012 10:40 AM
> >>> Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
> >>>
> >>>
> >>>
> >>> Voltage spikes when starting can do strange things if the radio is
> >>> connected
> >>> directly to the battery. Just as an experiment I'd try being sure that
> >>> the
> >>> radio is momentarily disconnected from the battery while cranking the
> >>> engine. A relay with 20-25 amp contacts keyed from the "on" position of
> >>> the
> >>> ignition key should do the trick. Be sure the relay drops out when the
> >>> engine is cranking or when it is off.
> >>>
> >>> Just an experiment to see if it helps. Easily removed if not needed.
> >>> However, you may want to keep it because 706's have been known to drain
> >>> a
> >>> car battery after a few days because of their higher than average
> >>> current
> >>> draw even when turned off.
> >>>

> >>> 73,
> >>>
> >>> Bob, WA8ULW
> >>>
> >>> From: cutterjeff [mailto:schwartz.jeffrey@...]
> >>> Sent: January 25, 2012 09:28
> >>> To: ic706@yahoogroups.com
> >>> Subject: [ic706] ICOM-706 memory spontaniously clearing?
> >>>
> >>> I picked up an old ICOM-706 (original, not MKII, not G) recently for
> >>> use
> >>> in
> >>> my truck.
> >>>
> >>> Works great, and I'm really enjoying the thing, except for one issue.
> >>>
> >>> Twice now, I've turned the key and all memories in the radio were
> >>> blank.
> >>>
> >>> The first time, I'd left the truck parked for less than 15 minutes.
> >>> Park,
> >>> get out, unload, get back in, turn the key, and all the memories are
> >>> blank.
> >>>
> >>> Second time was last night. Parked at 6:30 PM, started the truck at
> >>> 6:05
> >>> AM,
> >>> and ... blank.
> >>>
> >>> I thought to myself, "Ah! older radio, need to change the memory
> >>> battery....
> >>> " but the manual says it's all EEPROM, so that can't be it.
> >>>
> >>> Has anyone had this kind of problem?
> >>> Is there any fix for it?
> >>>
> >>> 73,
> >>> AI4YC
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >>>
> >>>
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >>>
> >>> ------------------------------------

> >>>
> >>> Yahoo! Groups Links
> >>>
> >>>
> >>>
> >>>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >> ------------------------------------
> >>
> >> Yahoo! Groups Links
> >>
> >>
> >>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 19447. Re: [ic706] Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 13:21:18 UTC
From: Jeffrey Schwartz
Topic: 19429  Message: 19447

Maybe remove control head and make sure the contacts are clean?

On Thu, Jan 26, 2012 at 08:18, gw0div@...
<gw0div@...> wrote:
> The memories live in the control head, at least the seem to on the MK2g - might it just be a control head connection problem?
>
> Rhys
> GW0DIV
>
> --- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>>
>> I too have to say I have my 706MIIG connected to the second battery in my
>> suburban for more then five years and have never had a problem with the
>> radio I have had problems with the antenna meeting trees and over passes
>> LOL
>>
>> Jack N6UYB
>>
>> -----Original Message-----
>> From: Joe
>> Sent: Wednesday, January 25, 2012 2:54 PM
>> To: ic706@yahoogroups.com
>> Subject: Re: [ic706] ICOM-706 memory spontaneously clearing - Power Spikes?
>>
>> I keep hearing about these "spikes"when starting... I've had a 706, a
>> 706MKIIG, and now a 7000 in several different vehicles over at least 13
>> years now, and never once had an issue with this. My Original 706 works as
>> well as the day I bought it, and my 7000 has been mobile from day one,
>> bought right after they were introduced. I would love to hear from someone
>> that actually had a failure PROVEN to be from running the rig off the
>> standard vehicle power system, presumably as they were designed to be run.
>>
>> Just curious -- I believe going through all that trouble is a waste of time
>> & energy. To have it on a separate system so you don't kill you starting
>> battery is a whole different thing, and I fully understand that logic.
>>
>> Joe, N3JI
>>
>> Sent from my Verizon Wireless smartphone
>>
>> Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>>
>> >I've had it about a month - my wife got it for me for Christmas.

>> >She bought it off another ham.
>> >I'm fortunate that my wife got into Ham radio when I did, and enjoys
>> >it as much as I do.
>> >
>> >Getting the battery tested couldn't hurt , though.
>> >I do have one confusion: even if the battery zeroed, shouldn't the
>> >EEPROM hold memory setting?
>> >
>> >On Wed, Jan 25, 2012 at 11:06, Jack Foster <jack.mrfixit198@...>
>> >wrote:
>> >> Wait, if this radio has been in this vehicle for a while then you might
>> >> want to have the battery tested.
>> >> On Jan 25, 2012 11:01 AM, "Larry J. Ford" <lford@...> wrote:
>> >>
>> >>> Wasn't there a "homebrew" project in QST in recent years which employed
>> >>> a
>> >>> relay and/or IC timer to (1) delay the application of power from the
>> >>> battery to the rig for a few seconds while the vehicle was being started
>> >>> and (2) delay the shutoff of power to the rig until something 1ike 10
>> >>> seconds after the ignition switch was turned-off?  Seems like avoiding
>> >>> the
>> >>> power spikes described below was the goal.
>> >>>
>> >>> I also think there is a commercial product which does the same but is a
>> >>> bit pricey.  Homebrewing a device like this would seem like a fun and
>> >>> useful project - not that I'm capable of designing or prototyping it!
>> >>>
>> >>> Larry J. Ford
>> >>> KG4GPJ
>> >>>
>> >>>  ----- Original Message -----
>> >>>  From: Bob Reiff
>> >>>  To: ic706@yahoogroups.com
>> >>>  Sent: Wednesday, January 25, 2012 10:40 AM
>> >>>  Subject: RE: [ic706] ICOM-706 memory spontaneously clearing?
>> >>>
>> >>>
>> >>>
>> >>>
>> >>>  Voltage spikes when starting can do strange things if the radio is
>> >>> connected
>> >>>  directly to the battery. Just as an experiment I'd try being sure that
>> >>> the
>> >>>  radio is momentarily disconnected from the battery while cranking the
>> >>>  engine. A relay with 20-25 amp contacts keyed from the "on" position of
>> >>> the
>> >>>  ignition key should do the trick. Be sure the relay drops out when the
>> >>>  engine is cranking or when it is off.
>> >>>
>> >>>  Just an experiment to see if it helps. Easily removed if not needed.
>> >>>  However, you may want to keep it because 706's have been known to drain

>> >>> a
>> >>>  car battery after a few days because of their higher than average
>> >>> current
>> >>>  draw even when turned off.
>> >>>
>> >>>  73,
>> >>>
>> >>>  Bob, WA8ULW
>> >>>
>> >>>  From: cutterjeff [mailto:schwartz.jeffrey@...]
>> >>>  Sent: January 25, 2012 09:28
>> >>>  To: ic706@yahoogroups.com
>> >>>  Subject: [ic706] ICOM-706 memory spontaniously clearing?
>> >>>
>> >>>  I picked up an old ICOM-706 (original, not MKII, not G) recently for
>> >>> use
>> >>> in
>> >>>  my truck.
>> >>>
>> >>>  Works great, and I'm really enjoying the thing, except for one issue.
>> >>>
>> >>>  Twice now, I've turned the key and all memories in the radio were
>> >>> blank.
>> >>>
>> >>>  The first time, I'd left the truck parked for less than 15 minutes.
>> >>> Park,
>> >>>  get out, unload, get back in, turn the key, and all the memories are
>> >>> blank.
>> >>>
>> >>>  Second time was last night. Parked at 6:30 PM, started the truck at
>> >>> 6:05
>> >>> AM,
>> >>>  and ... blank.
>> >>>
>> >>>  I thought to myself, "Ah! older radio, need to change the memory
>> >>> battery....
>> >>>  " but the manual says it's all EEPROM, so that can't be it.
>> >>>
>> >>>  Has anyone had this kind of problem?
>> >>>  Is there any fix for it?
>> >>>
>> >>>  73,
>> >>>  AI4YC
>> >>>
>> >>>  [Non-text portions of this message have been removed]
>> >>>
>> >>>
>> >>>
>> >>>
>> >>>

>> >>> [Non-text portions of this message have been removed]
>> >>>
>> >>>
>> >>>
>> >>> ------------------------------------
>> >>>
>> >>> Yahoo! Groups Links
>> >>>
>> >>>
>> >>>
>> >>>
>> >>
>> >>
>> >> [Non-text portions of this message have been removed]
>> >>
>> >>
>> >>
>> >> ------------------------------------
>> >>
>> >> Yahoo! Groups Links
>> >>
>> >>
>> >>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19448. Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 14:22:12 UTC
From: Tom Root
Topic: 19429  Message: 19448

When I park my vehicle, either temporarily or overnight, and turn off the engine, I always take a moment to turn off all the electricals in my vehicle..the AM/FM radio, the A/C, the windshield wipers, the lights, and any amateur radio or SWL gear that I'm running from the vehicle's electrical system..this practice has served me well.

Tom Root (WB8UUJ)

N. Fort Myers, FL USA

[Non-text portions of this message have been removed]

# 19449. Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 17:43:36 UTC
From: w7tab
Topic: 19429  Message: 19449

Here's a link to a setup used in a Prius. They used a Gel-Cell and a Hellroaring isolator. <http://wa8lmf.net/mobile/prius/index.htm> In his case, part of the concern was how tiny a Prius' 12V battery is, combined with wanting to operate with the car turned off at times. But the set-up would work in any vehicle. See the links within the article for crude schematics.
73' -Kevin (W7TAB)

--- In ic706@yahoogroups.com, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
> I played with the idea of putting a small 12V rechargeable battery on
> some kind of isolator, then powering the radio from that.
>
> Has anyone tried that?
>

# 19450. Re: [ic706] Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 18:55:09 UTC
From: Facility 406 DM09
Topic: 19429  Message: 19450

"The memories live in the control head, at least the seem to on the MK2g - might it just be a control head connection problem?"

Interesting. How about static? I can't count the number of times I've drawn an arc from my finger, around the buttons into the radio head when reaching for the power or other buttons.

Kurt

# 19451. I can't see,,,, I can't see

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-26 21:53:15 UTC
From: Don
Topic: 19451  Message: 19451

Hi Folks

i got a Mk2 that's dead. Troubleshot it to the L8 signal on the PA board. I got the L8 signal at the connector but as it goes through that daisy chain of transistors to the R131 pot, it gets lost. So most likely one of those 3 Q puppies are dead. The 8V line is good too.

So whats the problem ??? The problem is I can't see the parts layout on the PA board in the service manual. Real bad color contrast. Is the real documentation from ICOM better than the stuff on the internet??? is it clear where those Q's are located or do i just slug it out with my meter and map em myself. Not sure if anyone has mapped these before...

Would love to know where to look before I fire up the 200 watt soldering iron and attack those chippy things.

thanks all

don KC1AT/4

# 19452. 6 pin data port with a Rigblaster P&P

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-27 12:31:14 UTC
From: n1agedtc
Topic: 19452  Message: 19452

Hello,
Im wondering if anyone has tried using the 6pin din connector with a rigblaster plug and play? Here is my situation, I am running a amplifier which obviously utilizes the 13 pin din connector. logically speaking the 6 pin should work for digital operation? From what I'm getting here is that the 6pin is not giving any voltage to key the mic? I can receive, however when I send, the radio doesn't go into TX mode. Any ideas besides having to purchase a siglink? I can't be the only person in the world that uses an amplifier with a rigblaster P&P!
Thanks in advance 73
Dana Copley
N1AGE

PS- when speaking to the techs at West Mountain, they have told me that people HAVE used the 6pin with the plug and play. Could it be a setting in the menu?

# 19453. Re: [ic706] 6 pin data port with a Rigblaster P&P

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-27 13:58:15 UTC
From: AB1DD
Topic: 19452  Message: 19453

Not sure about how the Rigblaster works, but pin 3 on the 6 pin connector needs to be grounded to transmit. Also, If I remember correctly, the data speed (set menu #29) needs to be at 1200 for audio. If this isn't right, please correct. I'm working from memory because my K3 has direct audio input and output for the digi modes.

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Fri, 1/27/12, n1agedtc <n1agedtc@...> wrote:

From: n1agedtc <n1agedtc@...>
Subject: [ic706] 6 pin data port with a Rigblaster P&P
To: ic706@yahoogroups.com
Date: Friday, January 27, 2012, 7:31 AM

Hello,

Im wondering if anyone has tried using the 6pin din connector with a rigblaster plug and play? Here is my situation, I am running a amplifier which obviously utilizes the 13 pin din connector. logically speaking the 6 pin should work for digital operation? From what I'm getting here is that the 6pin is not giving any voltage to key the mic? I can receive, however when I send, the radio doesn't go into TX mode. Any ideas besides having to purchase a siglink? I can't be the only person in the world that uses an amplifier with a rigblaster P&P!

Thanks in advance 73

Dana Copley

N1AGE

PS- when speaking to the techs at West Mountain, they have told me that people HAVE used the 6pin with the plug and play. Could it be a setting in the menu?

[Non-text portions of this message have been removed]

# 19454. No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-28 07:48:39 UTC
From: Gregory
Topic: 19454  Message: 19454

Hi, everyone. All of a sudden the cw transmit on my MARKIIG won't work. I changed keys for the electronic keyer and it still won't transmit. I went through the cw adjustment menu and tried my key on a spare MARKIIG and it works fine. Cw receive works ok. Any ideas? Greg, K4PVA.

# 19455. Re: [ic706] No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-28 14:11:47 UTC
From: Dick L.
Topic: 19454  Message: 19455

check your power cord connections and make sure that your power supply is OK -- Similar problems here were determined to be a power cord problem -- Good luck

--- On Sat, 1/28/12, Gregory <etsu1972@...> wrote:

From: Gregory <etsu1972@...>
Subject: [ic706] No cw Transmit on My MARKIIG
To: ic706@yahoogroups.com
Date: Saturday, January 28, 2012, 1:48 AM

Hi, everyone. All of a sudden the cw transmit on my MARKIIG won't work. I changed keys for the electronic keyer and it still won't transmit. I went through the cw adjustment menu and tried my key on a spare MARKIIG and it works fine. Cw receive works ok. Any ideas? Greg, K4PVA.

[Non-text portions of this message have been removed]

# 19456. Re: No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 07:27:51 UTC
From: Gregory
Topic: 19454  Message: 19456

I checked the power cord and it was snug. Even changed keys and still no cw.

--- In ic706@yahoogroups.com, "Dick L." <k9apw@...> wrote:
>
> check your power cord connections and make sure that your power supply is OK -- Similar problems here were determined to be a power cord problem -- Good luckÂ
>
> --- On Sat, 1/28/12, Gregory <etsu1972@...> wrote:
>
> From: Gregory <etsu1972@...>
> Subject: [ic706] No cw Transmit on My MARKIIG
> To: ic706@yahoogroups.com
> Date: Saturday, January 28, 2012, 1:48 AM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Â
>
>
>
>
>
>
>
>
>
>
> Hi, everyone. All of a sudden the cw transmit on my MARKIIG won't work. I changed keys for the electronic keyer and it still won't transmit. I went through the cw adjustment menu and tried my key on a spare MARKIIG and it works fine. Cw receive works ok. Any ideas? Greg, K4PVA.
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19457. Re: No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 12:35:52 UTC
From: gw0div@btinternet.com
Topic: 19454  Message: 19457

Is the "break-in" still on? Try keying the Mic in CW mode and then using the key. Can you hear a side tone?

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Gregory" <etsu1972@...> wrote:
>
> I checked the power cord and it was snug. Even changed keys and still no cw.
>
> --- In ic706@...m, "Dick L." <k9apw@> wrote:
> >
> > check your power cord connections and make sure that your power supply is OK -- Similar problems here were determined to be a power cord problem -- Good luckÂ
> >
> > --- On Sat, 1/28/12, Gregory <etsu1972@> wrote:
> >
> > From: Gregory <etsu1972@>
> > Subject: [ic706] No cw Transmit on My MARKIIG
> > To: ic706@yahoogroups.com
> > Date: Saturday, January 28, 2012, 1:48 AM
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > Â
> >
> >
> >
> >
> >
> >
> >
> >

> >
> >
> > Hi, everyone. All of a sudden the cw transmit on my MARKIIG won't work. I changed keys for the electronic keyer and it still won't transmit. I went through the cw adjustment menu and tried my key on a spare MARKIIG and it works fine. Cw receive works ok. Any ideas?
Greg, K4PVA.
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19458. weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 18:24:02 UTC
From: Bill
Topic: 19458  Message: 19458

Hi All,
i just wondered if anyone has used the IC706 to listen/decode
weather sats on 137mhz, wbfm.
I have listened but not heard any at all even though they were supposed
to be overhead at the time.
I take it the antenna on 137mhz would be i the vhf socket and not hf!
dumb question i know!
Bill
G4KKI

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

# 19459. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 19:28:52 UTC
From: LARRY J. FORD
Topic: 19458  Message: 19459

I just tuned to that frequency, and I'm hearing what sounds like widely spaced "data bursts." Don't have any way to decode those bursts, unless an old Kantronics ALL-Mode TNC or an MFJ-1278 TNC will do the trick.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 29 Jan 2012 01:24:19 PM EST
From: Bill <g4kki.william@...>
To: ic706@yahoogroups.com
Subject: [ic706] weather sats

> Hi All,
> i just wondered if anyone has used the IC706 to listen/decode
> weather sats on 137mhz, wbfm.
> I have listened but not heard any at all even though they were supposed
> to be overhead at the time.
> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> dumb question i know!
> Bill
> G4KKI
>
> --
> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>

# 19460. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 21:26:02 UTC
From: Wayne Bowyer
Topic: 19458  Message: 19460

I'll have to tune up there and give a listen. My MFJ 1275 will decode that stuff if I read the literature right. And yes you'd need to use the vhf antenna port. It's not a dumb question---the only dumb questions are the ones we fail to ask.

On Sun, Jan 29, 2012 at 1:24 PM, Bill <g4kki.william@ntlworld.com> wrote:

> **
>
>
> Hi All,
> i just wondered if anyone has used the IC706 to listen/decode
> weather sats on 137mhz, wbfm.
> I have listened but not heard any at all even though they were supposed
> to be overhead at the time.
> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> dumb question i know!
> Bill
> G4KKI
>
> --
> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>
>

[Non-text portions of this message have been removed]

# 19461. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-29 23:09:41 UTC
From: Bill
Topic: 19458  Message: 19461

Hi Wayne, Larry,
thanks both for the reply. I have the sat
frequencies in the memories now so will try again over the coming week.
I used to listen/decode them years ago with a kit built receiver
specially for the job and i also had a home made quadrafiler (thinks
thats how it's spelt!) antenna. I think i still have that up in my loft
space. Larry you can decode the signals just by plugging the audio into
your soundcard and use some free software like WxtoImg or Wxsat or
satsignal. I have WxtoImg which also gives upto date pass times.
Thanks
Bill
G4KKI

On 29/01/2012 21:26, Wayne Bowyer wrote:
> I'll have to tune up there and give a listen. My MFJ 1275 will decode that
> stuff if I read the literature right. And yes you'd need to use the vhf
> antenna port. It's not a dumb question---the only dumb questions are the
> ones we fail to ask.
>
> On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
>
>> **
>>
>>
>> Hi All,
>> i just wondered if anyone has used the IC706 to listen/decode
>> weather sats on 137mhz, wbfm.
>> I have listened but not heard any at all even though they were supposed
>> to be overhead at the time.
>> I take it the antenna on 137mhz would be i the vhf socket and not hf!
>> dumb question i know!
>> Bill
>> G4KKI
>>
>> --
>> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

# 19462. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 16:53:41 UTC
From: Larry J. Ford
Topic: 19458  Message: 19462

Bill,

I was using an old ICOM IC-706 MKII to receive those signals on 137.000 MHz. I think I'd have to have either a Signalink interface, or one of those soundcard interfaces (kit or commercial, with audio isolation transformers) like are used with PSK-31 to interface the 706 to my laptop soundcard.

I don't think it would be as simple as running a wire or cable with appropriate connectors on each end from the external speaker output of the 706 to the soundcard mic input, would it?

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Bill
To: ic706@yahoogroups.com
Sent: Sunday, January 29, 2012 6:09 PM
Subject: Re: [ic706] weather sats

Hi Wayne, Larry,
thanks both for the reply. I have the sat
frequencies in the memories now so will try again over the coming week.
I used to listen/decode them years ago with a kit built receiver
specially for the job and i also had a home made quadrafiler (thinks
thats how it's spelt!) antenna. I think i still have that up in my loft
space. Larry you can decode the signals just by plugging the audio into
your soundcard and use some free software like WxtoImg or Wxsat or
satsignal. I have WxtoImg which also gives upto date pass times.
Thanks
Bill
G4KKI

On 29/01/2012 21:26, Wayne Bowyer wrote:
> I'll have to tune up there and give a listen. My MFJ 1275 will decode that
> stuff if I read the literature right. And yes you'd need to use the vhf
> antenna port. It's not a dumb question---the only dumb questions are the
> ones we fail to ask.
>
> On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
>
>> **
>>
>>
>> Hi All,

>> i just wondered if anyone has used the IC706 to listen/decode
>> weather sats on 137mhz, wbfm.
>> I have listened but not heard any at all even though they were supposed
>> to be overhead at the time.
>> I take it the antenna on 137mhz would be i the vhf socket and not hf!
>> dumb question i know!
>> Bill
>> G4KKI
>>
>> --
>> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 19463. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 17:10:50 UTC
From: Jeffrey Schwartz
Topic: 19458  Message: 19463

I talked to a Ham once who ran such a cable from his HF rig to his computer, and it worked.

He made the comment that he really should have put isolation on it, but the computer in question was so old that someone had given it to him for free at a ham fest, so if it got broken, he wasn't going to get upset. (Unsure if he'd thought about the radio getting toasted, though.... )

Talked to another ham who used duct tape... seriously. He wanted to fiddle with PSK, but didn't want to spend money until he knew if he liked it or not. So he took a cheap microphone, plugged it into the computer, and duct taped it to the speaker on his radio. Then put his computer speaker right up against the microphone, and set VOX on the radio. When sending, he prefixed all his sends with his call sign - that gave the VOX time to click and start transmitting.

I've used PocketDigi on my old PDA to do CW decoding, just by laying the PDA on top of the rig. That works OK as long as there isn't too much background noise.

I sometimes play with the idea of getting a little speaker, and duct taping it to one end of a toilet paper tube, and a microphone in the other, and then wrapping the whole things with foam or bubble wrap. I see old microphones at Goodwill for a buck, and speakers now and then, so it'd be a less than $2 experiment. If it works, fine, if not, then toss it.

On Mon, Jan 30, 2012 at 11:53, Larry J. Ford <lford@usa.net> wrote:
> Bill,
>
> I was using an old ICOM IC-706 MKII to receive those signals on 137.000 MHz.  I think I'd have to have either a Signalink interface, or one of those soundcard interfaces (kit or commercial, with audio isolation transformers) like are used with PSK-31 to interface the 706 to my laptop soundcard.
>
> I don't think it would be as simple as running a wire or cable with appropriate connectors on each end from the external speaker output of the 706 to the soundcard mic input, would it?
>
> Thanks,
>
> Larry J. Ford
> KG4GPJ
>
>  ----- Original Message -----

> From: Bill
> To: ic706@yahoogroups.com
> Sent: Sunday, January 29, 2012 6:09 PM
> Subject: Re: [ic706] weather sats
>
>
>
> Hi Wayne, Larry,
> thanks both for the reply. I have the sat
> frequencies in the memories now so will try again over the coming week.
> I used to listen/decode them years ago with a kit built receiver
> specially for the job and i also had a home made quadrafiler (thinks
> thats how it's spelt!) antenna. I think i still have that up in my loft
> space. Larry you can decode the signals just by plugging the audio into
> your soundcard and use some free software like WxtoImg or Wxsat or
> satsignal. I have WxtoImg which also gives upto date pass times.
> Thanks
> Bill
> G4KKI
>
> On 29/01/2012 21:26, Wayne Bowyer wrote:
> > I'll have to tune up there and give a listen. My MFJ 1275 will decode that
> > stuff if I read the literature right. And yes you'd need to use the vhf
> > antenna port. It's not a dumb question---the only dumb questions are the
> > ones we fail to ask.
> >
> > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@ntlworld.com> wrote:
> >
> >> **
> >>
> >>
> >> Hi All,
> >> i just wondered if anyone has used the IC706 to listen/decode
> >> weather sats on 137mhz, wbfm.
> >> I have listened but not heard any at all even though they were supposed
> >> to be overhead at the time.
> >> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> >> dumb question i know!
> >> Bill
> >> G4KKI
> >>
> >> --
> >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> >
> > --
> > 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >

# 19464. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 17:12:23 UTC
From: David Westbrook
Topic: 19458  Message: 19464

yes, it is that simple! :)

You can just take radio out <-> soundcard in; and radio in <-> soundcard out.
I've done this from the ACC, but you could probably do it from any of the ports if needed ... It's also possible (in a pinch) to just put PC mic by radio speaker, and hold radio mic to PC speaker (it's been known to work for psk).

I did have a problem of a severe hum on SSB with the direct audio cabling like that -- a interface kit (ISOKit from buxcomm) fixed that (the key being isolation transformers)

That (and a PTT line or VOX) gets you set for any of the soundcard modes (PSK31, AFSK RTTY, JT65, etc, etc)

--david
KJ4IZW

On Mon, Jan 30, 2012 at 11:53 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Bill,
>
> I was using an old ICOM IC-706 MKII to receive those signals on 137.000
> MHz. I think I'd have to have either a Signalink interface, or one of those
> soundcard interfaces (kit or commercial, with audio isolation transformers)
> like are used with PSK-31 to interface the 706 to my laptop soundcard.
>
> I don't think it would be as simple as running a wire or cable with
> appropriate connectors on each end from the external speaker output of the
> 706 to the soundcard mic input, would it?
>
> Thanks,
>
> Larry J. Ford
> KG4GPJ
>
>
> ----- Original Message -----
> From: Bill
> To: ic706@yahoogroups.com
> Sent: Sunday, January 29, 2012 6:09 PM
> Subject: Re: [ic706] weather sats

>
> Hi Wayne, Larry,
> thanks both for the reply. I have the sat
> frequencies in the memories now so will try again over the coming week.
> I used to listen/decode them years ago with a kit built receiver
> specially for the job and i also had a home made quadrafiler (thinks
> thats how it's spelt!) antenna. I think i still have that up in my loft
> space. Larry you can decode the signals just by plugging the audio into
> your soundcard and use some free software like WxtoImg or Wxsat or
> satsignal. I have WxtoImg which also gives upto date pass times.
> Thanks
> Bill
> G4KKI
>
> On 29/01/2012 21:26, Wayne Bowyer wrote:
> > I'll have to tune up there and give a listen. My MFJ 1275 will decode
> that
> > stuff if I read the literature right. And yes you'd need to use the vhf
> > antenna port. It's not a dumb question---the only dumb questions are the
> > ones we fail to ask.
> >
> > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
> >
> >> **
> >>
> >>
> >> Hi All,
> >> i just wondered if anyone has used the IC706 to listen/decode
> >> weather sats on 137mhz, wbfm.
> >> I have listened but not heard any at all even though they were supposed
> >> to be overhead at the time.
> >> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> >> dumb question i know!
> >> Bill
> >> G4KKI
> >>
> >> --
> >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >

> >
> >
>
> --
> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19465. Re: [ic706] 706 to PC connection for weather sats decoding

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 20:21:09 UTC
From: Larry J. Ford
Topic: 19465  Message: 19465

I know what kind of connector is needed for the Ext. Speaker port on the 706, and I've got one of those plugs in my "parts box," but what's the exact description of the plug needed to fit into the mic jack on the laptop?

Is that a 2.5 mm plug with left, right, and ground rings?

I guess I could cannibalize an old PC mic cord that has the mic jack already on it, and just solder the speaker plug on the other end.

Thanks.

Larry J. Ford
KG4GPJ
IC-706/IC-706MKII
----- Original Message -----
From: David Westbrook
To: ic706@yahoogroups.com
Sent: Monday, January 30, 2012 12:12 PM
Subject: Re: [ic706] weather sats

yes, it is that simple! :)

You can just take radio out <-> soundcard in; and radio in <-> soundcard out.
I've done this from the ACC, but you could probably do it from any of the ports if needed ... It's also possible (in a pinch) to just put PC mic by radio speaker, and hold radio mic to PC speaker (it's been known to work for psk).

I did have a problem of a severe hum on SSB with the direct audio cabling like that -- a interface kit (ISOKit from buxcomm) fixed that (the key being isolation transformers)

That (and a PTT line or VOX) gets you set for any of the soundcard modes (PSK31, AFSK RTTY, JT65, etc, etc)

--david
KJ4IZW

On Mon, Jan 30, 2012 at 11:53 AM, Larry J. Ford <lford@...> wrote:

> **
>
>
> Bill,
>
> I was using an old ICOM IC-706 MKII to receive those signals on 137.000
> MHz. I think I'd have to have either a Signalink interface, or one of those

> soundcard interfaces (kit or commercial, with audio isolation transformers)
> like are used with PSK-31 to interface the 706 to my laptop soundcard.
>
> I don't think it would be as simple as running a wire or cable with
> appropriate connectors on each end from the external speaker output of the
> 706 to the soundcard mic input, would it?
>
> Thanks,
>
> Larry J. Ford
> KG4GPJ
>
>
> ----- Original Message -----
> From: Bill
> To: ic706@yahoogroups.com
> Sent: Sunday, January 29, 2012 6:09 PM
> Subject: Re: [ic706] weather sats
>
> Hi Wayne, Larry,
> thanks both for the reply. I have the sat
> frequencies in the memories now so will try again over the coming week.
> I used to listen/decode them years ago with a kit built receiver
> specially for the job and i also had a home made quadrafiler (thinks
> thats how it's spelt!) antenna. I think i still have that up in my loft
> space. Larry you can decode the signals just by plugging the audio into
> your soundcard and use some free software like WxtoImg or Wxsat or
> satsignal. I have WxtoImg which also gives upto date pass times.
> Thanks
> Bill
> G4KKI
>
> On 29/01/2012 21:26, Wayne Bowyer wrote:
> > I'll have to tune up there and give a listen. My MFJ 1275 will decode
> that
> > stuff if I read the literature right. And yes you'd need to use the vhf
> > antenna port. It's not a dumb question---the only dumb questions are the
> > ones we fail to ask.
> >
> > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
> >
> >> **
> >>
> >>
> >> Hi All,
> >> i just wondered if anyone has used the IC706 to listen/decode
> >> weather sats on 137mhz, wbfm.
> >> I have listened but not heard any at all even though they were supposed
> >> to be overhead at the time.
> >> I take it the antenna on 137mhz would be i the vhf socket and not hf!

> >> dumb question i know!
> >> Bill
> >> G4KKI
> >>
> >> --
> >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> >>
> >>
> > 
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
> --
> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19466. Re: [ic706] 706 to PC connection for weather sats decoding

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 20:25:46 UTC
From: Jeffrey Schwartz
Topic: 19465  Message: 19466

This might help

http://www.brazoriacountyares.org/winlink-collection/AGW/PE%20Pro/pehelp/6scinterface.htm

I know you're building it without the isolation,but the pinouts for
the plugs are there

On Mon, Jan 30, 2012 at 15:21, Larry J. Ford <lford@...> wrote:
> I know what kind of connector is needed for the Ext. Speaker port on the 706, and I've got one of those plugs in my "parts box," but what's the exact description of the plug needed to fit into the mic jack on the laptop?
>
> Is that a 2.5 mm plug with left, right, and ground rings?
>
> I guess I could cannibalize an old PC mic cord that has the mic jack already on it, and just solder the speaker plug on the other end.
>
> Thanks.
>
> Larry J. Ford
> KG4GPJ
> IC-706/IC-706MKII
>  ----- Original Message -----
>  From: David Westbrook
>  To: ic706@yahoogroups.com
>  Sent: Monday, January 30, 2012 12:12 PM
>  Subject: Re: [ic706] weather sats
>
>
>  yes, it is that simple!  :)
>
>  You can just take radio out <-> soundcard in;  and radio in <-> soundcard
>  out.
>  I've done this from the ACC,  but you could probably do it from any of the
>  ports if needed ... It's also possible (in a pinch) to just put PC mic by
>  radio speaker, and hold radio mic to PC speaker (it's been known to work
>  for psk).
>
>  I did have a problem of a severe hum on SSB with the direct audio cabling
>  like that -- a interface kit (ISOKit from buxcomm) fixed that (the key
>  being isolation transformers)
>
>  That (and a PTT line or VOX) gets you set for any of the soundcard modes
>  (PSK31, AFSK RTTY, JT65, etc, etc)
>
>  --david

> KJ4IZW
>
> On Mon, Jan 30, 2012 at 11:53 AM, Larry J. Ford <lford@...> wrote:
>
> > **
> >
> >
> > Bill,
> >
> > I was using an old ICOM IC-706 MKII to receive those signals on 137.000
> > MHz. I think I'd have to have either a Signalink interface, or one of those
> > soundcard interfaces (kit or commercial, with audio isolation transformers)
> > like are used with PSK-31 to interface the 706 to my laptop soundcard.
> >
> > I don't think it would be as simple as running a wire or cable with
> > appropriate connectors on each end from the external speaker output of the
> > 706 to the soundcard mic input, would it?
> >
> > Thanks,
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ----- Original Message -----
> > From: Bill
> > To: ic706@yahoogroups.com
> > Sent: Sunday, January 29, 2012 6:09 PM
> > Subject: Re: [ic706] weather sats
> >
> > Hi Wayne, Larry,
> > thanks both for the reply. I have the sat
> > frequencies in the memories now so will try again over the coming week.
> > I used to listen/decode them years ago with a kit built receiver
> > specially for the job and i also had a home made quadrafiler (thinks
> > thats how it's spelt!) antenna. I think i still have that up in my loft
> > space. Larry you can decode the signals just by plugging the audio into
> > your soundcard and use some free software like WxtoImg or Wxsat or
> > satsignal. I have WxtoImg which also gives upto date pass times.
> > Thanks
> > Bill
> > G4KKI
> >
> > On 29/01/2012 21:26, Wayne Bowyer wrote:
> > > I'll have to tune up there and give a listen. My MFJ 1275 will decode
> > that
> > > > stuff if I read the literature right. And yes you'd need to use the vhf
> > > > antenna port. It's not a dumb question---the only dumb questions are the
> > > > ones we fail to ask.
> > > >

> > > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
> > >
> > >> **
> > >>
> > >>
> > >> Hi All,
> > >> i just wondered if anyone has used the IC706 to listen/decode
> > >> weather sats on 137mhz, wbfm.
> > >> I have listened but not heard any at all even though they were supposed
> > >> to be overhead at the time.
> > >> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> > >> dumb question i know!
> > >> Bill
> > >> G4KKI
> > >>
> > >> --
> > >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > >>
> > >>
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > > --
> > > 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >

>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19467. Re: [ic706] 706 to PC connection for weather sats decoding

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 20:41:08 UTC
From: Larry J. Ford
Topic: 19465  Message: 19467

Wow! Looks like that page answers my questions, plus much, much more!

It also recommends NOT to go direct from the rig to the PC for RX audio, but use isolation instead.

Thanks,

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jeffrey Schwartz
To: ic706@yahoogroups.com
Sent: Monday, January 30, 2012 3:25 PM
Subject: Re: [ic706] 706 to PC connection for weather sats decoding

This might help

http://www.brazoriacountyares.org/winlink-collection/AGW/PE%20Pro/pehelp/6scinterface.htm

I know you're building it without the isolation,but the pinouts for
the plugs are there

On Mon, Jan 30, 2012 at 15:21, Larry J. Ford <lford@...> wrote:
> I know what kind of connector is needed for the Ext. Speaker port on the 706, and I've got one of those plugs in my "parts box," but what's the exact description of the plug needed to fit into the mic jack on the laptop?
>
> Is that a 2.5 mm plug with left, right, and ground rings?
>
> I guess I could cannibalize an old PC mic cord that has the mic jack already on it, and just solder the speaker plug on the other end.
>
> Thanks.
>
> Larry J. Ford
> KG4GPJ
> IC-706/IC-706MKII
> ----- Original Message -----
> From: David Westbrook
> To: ic706@yahoogroups.com
> Sent: Monday, January 30, 2012 12:12 PM
> Subject: Re: [ic706] weather sats
>
>
> yes, it is that simple! :)
>
> You can just take radio out <-> soundcard in; and radio in <-> soundcard

> out.
> I've done this from the ACC, but you could probably do it from any of the
> ports if needed ... It's also possible (in a pinch) to just put PC mic by
> radio speaker, and hold radio mic to PC speaker (it's been known to work
> for psk).
>
> I did have a problem of a severe hum on SSB with the direct audio cabling
> like that -- a interface kit (ISOKit from buxcomm) fixed that (the key
> being isolation transformers)
>
> That (and a PTT line or VOX) gets you set for any of the soundcard modes
> (PSK31, AFSK RTTY, JT65, etc, etc)
>
> --david
> KJ4IZW
>
> On Mon, Jan 30, 2012 at 11:53 AM, Larry J. Ford <lford@...> wrote:
>
> > **
> > >
> > >
> > > Bill,
> > >
> > > I was using an old ICOM IC-706 MKII to receive those signals on 137.000
> > > MHz. I think I'd have to have either a Signalink interface, or one of those
> > > soundcard interfaces (kit or commercial, with audio isolation transformers)
> > > like are used with PSK-31 to interface the 706 to my laptop soundcard.
> > >
> > > I don't think it would be as simple as running a wire or cable with
> > > appropriate connectors on each end from the external speaker output of the
> > > 706 to the soundcard mic input, would it?
> > >
> > > Thanks,
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ----- Original Message -----
> > > From: Bill
> > > To: ic706@yahoogroups.com
> > > Sent: Sunday, January 29, 2012 6:09 PM
> > > Subject: Re: [ic706] weather sats
> > >
> > > Hi Wayne, Larry,
> > > thanks both for the reply. I have the sat
> > > frequencies in the memories now so will try again over the coming week.
> > > I used to listen/decode them years ago with a kit built receiver
> > > specially for the job and i also had a home made quadrafiler (thinks
> > > thats how it's spelt!) antenna. I think i still have that up in my loft

> > space. Larry you can decode the signals just by plugging the audio into
> > your soundcard and use some free software like WxtoImg or Wxsat or
> > satsignal. I have WxtoImg which also gives upto date pass times.
> > Thanks
> > Bill
> > G4KKI
> >
> > On 29/01/2012 21:26, Wayne Bowyer wrote:
> > > I'll have to tune up there and give a listen. My MFJ 1275 will decode
> > that
> > > > stuff if I read the literature right. And yes you'd need to use the vhf
> > > > antenna port. It's not a dumb question---the only dumb questions are the
> > > > ones we fail to ask.
> > > >
> > > > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
> > > >
> > > >> **
> > > >>
> > > >>
> > > >> Hi All,
> > > >> i just wondered if anyone has used the IC706 to listen/decode
> > > >> weather sats on 137mhz, wbfm.
> > > >> I have listened but not heard any at all even though they were supposed
> > > >> to be overhead at the time.
> > > >> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> > > >> dumb question i know!
> > > >> Bill
> > > >> G4KKI
> > > >>
> > > >> --
> > > >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > > >>
> > > >>
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > > >
> > > >
> > >
> > > --
> > > 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > >
> > > [Non-text portions of this message have been removed]

> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19468. Re: [ic706] 706 to PC connection for weather sats decoding

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 20:49:06 UTC
From: Jeffrey Schwartz
Topic: 19465  Message: 19468

Yeah, that's the best practice.
The Ham who told me he did it straight said he just wanted to fiddle
with PSK for an hour or two, and if he liked it, he'd build a real
interface.

So , I guess, how much fiddling are you going to do with Wx?

Is it "just once" to say you did it, or are you going any kind of
digital on any kind of regular basis?

If the latter, then building isolated would be much more better.

On Mon, Jan 30, 2012 at 15:41, Larry J. Ford <lford@...> wrote:
> Wow!  Looks like that page answers my questions, plus much, much more!
>
> It also recommends NOT to go direct from the rig to the PC for RX audio, but use
isolation instead.
>
> Thanks,
>
> Larry J. Ford
> KG4GPJ
>  ----- Original Message -----
>  From: Jeffrey Schwartz
>  To: ic706@yahoogroups.com
>  Sent: Monday, January 30, 2012 3:25 PM
>  Subject: Re: [ic706] 706 to PC connection for weather sats decoding
>
>
>
>  This might help
>
>
 http://www.brazoriacountyares.org/winlink-collection/AGW/PE%20Pro/pehelp/6scinterface.htm
>
>  I know you're building it without the isolation,but the pinouts for
>  the plugs are there
>
>  On Mon, Jan 30, 2012 at 15:21, Larry J. Ford <lford@...> wrote:
>  > I know what kind of connector is needed for the Ext. Speaker port on the 706, and I've
got one of those plugs in my "parts box," but what's the exact description of the plug
needed to fit into the mic jack on the laptop?
>  >
>  > Is that a 2.5 mm plug with left, right, and ground rings?
>  >
>  > I guess I could cannibalize an old PC mic cord that has the mic jack already on it,

and just solder the speaker plug on the other end.
> >
> > Thanks.
> >
> > Larry J. Ford
> > KG4GPJ
> > IC-706/IC-706MKII
> > ----- Original Message -----
> > From: David Westbrook
> > To: ic706@yahoogroups.com
> > Sent: Monday, January 30, 2012 12:12 PM
> > Subject: Re: [ic706] weather sats
> >
> >
> > yes, it is that simple! :)
> >
> > You can just take radio out <-> soundcard in; and radio in <-> soundcard
> > out.
> > I've done this from the ACC, but you could probably do it from any of the
> > ports if needed ... It's also possible (in a pinch) to just put PC mic by
> > radio speaker, and hold radio mic to PC speaker (it's been known to work
> > for psk).
> >
> > I did have a problem of a severe hum on SSB with the direct audio cabling
> > like that -- a interface kit (ISOKit from buxcomm) fixed that (the key
> > being isolation transformers)
> >
> > That (and a PTT line or VOX) gets you set for any of the soundcard modes
> > (PSK31, AFSK RTTY, JT65, etc, etc)
> >
> > --david
> > KJ4IZW
> >
> > On Mon, Jan 30, 2012 at 11:53 AM, Larry J. Ford <lford@usa.net> wrote:
> >
> > > **
> > >
> > >
> > > Bill,
> > >
> > > I was using an old ICOM IC-706 MKII to receive those signals on 137.000
> > > MHz. I think I'd have to have either a Signalink interface, or one of those
> > > soundcard interfaces (kit or commercial, with audio isolation transformers)
> > > like are used with PSK-31 to interface the 706 to my laptop soundcard.
> > >
> > > I don't think it would be as simple as running a wire or cable with
> > > appropriate connectors on each end from the external speaker output of the
> > > 706 to the soundcard mic input, would it?
> > >
> > > Thanks,
> > >

> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ----- Original Message -----
> > > From: Bill
> > > To: ic706@yahoogroups.com
> > > Sent: Sunday, January 29, 2012 6:09 PM
> > > Subject: Re: [ic706] weather sats
> > >
> > > Hi Wayne, Larry,
> > > thanks both for the reply. I have the sat
> > > frequencies in the memories now so will try again over the coming week.
> > > I used to listen/decode them years ago with a kit built receiver
> > > specially for the job and i also had a home made quadrafiler (thinks
> > > thats how it's spelt!) antenna. I think i still have that up in my loft
> > > space. Larry you can decode the signals just by plugging the audio into
> > > your soundcard and use some free software like WxtoImg or Wxsat or
> > > satsignal. I have WxtoImg which also gives upto date pass times.
> > > Thanks
> > > Bill
> > > G4KKI
> > >
> > > On 29/01/2012 21:26, Wayne Bowyer wrote:
> > > > I'll have to tune up there and give a listen. My MFJ 1275 will decode
> > > that
> > > > stuff if I read the literature right. And yes you'd need to use the vhf
> > > > antenna port. It's not a dumb question---the only dumb questions are the
> > > > ones we fail to ask.
> > > >
> > > > On Sun, Jan 29, 2012 at 1:24 PM, Bill<g4kki.william@...> wrote:
> > > >
> > > >> **
> > > >>
> > > >>
> > > >> Hi All,
> > > >> i just wondered if anyone has used the IC706 to listen/decode
> > > >> weather sats on 137mhz, wbfm.
> > > >> I have listened but not heard any at all even though they were supposed
> > > >> to be overhead at the time.
> > > >> I take it the antenna on 137mhz would be i the vhf socket and not hf!
> > > >> dumb question i know!
> > > >> Bill
> > > >> G4KKI
> > > >>
> > > >> --
> > > >> 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > > >>
> > > >>
> > > > >

> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --
> > > > 73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19469. Re: No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-30 23:41:53 UTC
From: Gregory
Topic: 19454  Message: 19469

It's in the semi break in setting. I keyed the mic in the cw mode and used the key but no side tone.

--- In ic706@yahoogroups.com, "gw0div@..." <gw0div@...> wrote:
>
> Is the "break-in" still on? Try keying the Mic in CW mode and then using the key. Can you hear a side tone?
>
> Rhys
> GW0DIV
>
>
> --- In ic706@yahoogroups.com, "Gregory" <etsu1972@> wrote:
> >
> > I checked the power cord and it was snug. Even changed keys and still no cw.
> >
> > --- In ic706@yahoogroups.com, "Dick L." <k9apw@> wrote:
> > >
> > > check your power cord connections and make sure that your power supply is OK -- Similar problems here were determined to be a power cord problem -- Good luckÂ
> > >
> > > --- On Sat, 1/28/12, Gregory <etsu1972@> wrote:
> > >
> > > From: Gregory <etsu1972@>
> > > Subject: [ic706] No cw Transmit on My MARKIIG
> > > To: ic706@yahoogroups.com
> > > Date: Saturday, January 28, 2012, 1:48 AM
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > Â
> > >

> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > Hi, everyone. All of a sudden the cw transmit on my MARKIIG won't work. I changed keys for the electronic keyer and it still won't transmit. I went through the cw adjustment menu and tried my key on a spare MARKIIG and it works fine. Cw receive works ok. Any ideas? Greg, K4PVA.
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 19470. Re: [ic706] Re: No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 00:50:13 UTC
From: AB1DD
Topic: 19454  Message: 19470

To hear the side tone, make sure the volume is up. Thebeep/sidetone pot is on the side of the radio

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Mon, 1/30/12, Gregory <etsu1972@yahoo.com> wrote:

From: Gregory <etsu1972@...>
Subject: [ic706] Re: No cw Transmit on My MARKIIG
To: ic706@yahoogroups.com
Date: Monday, January 30, 2012, 6:41 PM

It's in the semi break in setting. I keyed the mic in the cw mode and used the key but no side tone.

--- In ic706@yahoogroups.com, "gw0div@..." <gw0div@...> wrote:

>

> Is the "break-in" still on? Try keying the Mic in CW mode and then using the key. Can you hear a side tone?

>

> Rhys

> GW0DIV

[Non-text portions of this message have been removed]

# 19471. Original 706 and mk 2 (not G) compatibility

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 00:53:40 UTC
From: ka9p@aol.com
Topic: 19471  Message: 19471

Hi.

This ground may have been plowed but is it known whether the 706 original flavor and 706 mk 2 are compatable as far as basic functions go - ie can I switch the control heads?

My original's display is starting to delaminate and I got a great deal on a MK 2 in hopes of using the head (or just using the MK2 in case of the inevitable) but thought maybe, just maybe.....

Also, are there any affordable aftermarket cw filters available for the MK2 these days?

Thanks alot.

Scott

[Non-text portions of this message have been removed]

# 19472. Re: [ic706] Original 706 and mk 2 (not G) compatibility

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 01:04:42 UTC
From: John Geiger
Topic: 19471  Message: 19472

There are no aftermarket CW filters for the 706. INRAD makes a SSB filter,
but not CW ones. I have a 500hz I would sell if you are interested.

73s John AA5JG

On Mon, Jan 30, 2012 at 6:53 PM, <ka9p@...> wrote:

> **
>
>
> Hi.
>
> This ground may have been plowed but is it known whether the 706 original
> flavor and 706 mk 2 are compatable as far as basic functions go - ie can I
> switch the control heads?
>
> My original's display is starting to delaminate and I got a great deal on
> a
> MK 2 in hopes of using the head (or just using the MK2 in case of the
> inevitable) but thought maybe, just maybe.....
>
> Also, are there any affordable aftermarket cw filters available for the
> MK2 these days?
>
> Thanks alot.
>
> Scott
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19473. Re: [ic706] 706 to PC connection for weather sats decoding

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 02:51:18 UTC
From: Facility 406 DM09
Topic: 19465  Message: 19473

"It also recommends NOT to go direct from the rig to the PC for RX audio,
but use isolation instead."

A good idea. Due to bad wiring in the shack, I had 120 VAC on my audio line
for years.

Kurt

# 19474. Re: [ic706] weather sats

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 03:09:13 UTC
From: Facility 406 DM09
Topic: 19458  Message: 19474

What are you receiving? That's not a weather sat frequency. What does it sound like? Can you make a small recording?

NOAA 15 137.620 (APT) on good. See Note 8.
NOAA 17 137.500 (APT) on No images. See Notes 7&8.
NOAA 18 137.9125 (APT) on good
NOAA 19 137.100 (APT) on good but see Note 6
Metop-A 137.100 (LRPT) off see Note 3
Meteor M N1 137.100 (LRPT) sporadic see Note 6

Kurt

----- Original Message -----
From: "Larry J. Ford" <lford@...>

: I was using an old ICOM IC-706 MKII to receive those signals on 137.000 MHz. I think I'd have to have either a Signalink interface, or one of those soundcard interfaces (kit or

# 19475. Re: No cw Transmit on My MARKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-01-31 05:15:25 UTC
From: Gregory
Topic: 19454  Message: 19475

I turned up the audio and turned up the beep/sidetone and still nothing. I think that it may be going to a repair place.

--- In ic706@yahoogroups.com, AB1DD <ab1dd@...> wrote:
>
> To hear the side tone, make sure the volume is up. Thebeep/sidetone pot is on the side of the radio
>
> 73,
>
> Carl
>
> AB1DD
>
>
>
> Resistance is futile.
>
> (don't know about reactance, though)
>
> --- On Mon, 1/30/12, Gregory <etsu1972@...> wrote:
>
> From: Gregory <etsu1972@...>
> Subject: [ic706] Re: No cw Transmit on My MARKIIG
> To: ic706@yahoogroups.com
> Date: Monday, January 30, 2012, 6:41 PM
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
>
> It's in the semi break in setting. I keyed the mic in the cw mode and used the key but no side tone.
>
>
>
> --- In ic706@yahoogroups.com, "gw0div@" <gw0div@> wrote:
>
> >
>
> > Is the "break-in" still on? Try keying the Mic in CW mode and then using the key. Can you hear a side tone?
>
> >
>
> > Rhys
>
> > GW0DIV
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19476. Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-03 03:58:17 UTC
From: noskosteve
Topic: 19429  Message: 19476

I'm quite sure the memories are not in the control head. The CI-V routes to the internal micro and the radio can be operated without the control head by spoofing the control head signals. A couple of hams have done this.

--
73, Steve, K9DCI

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> "The memories live in the control head, at least the seem to on the MK2g -
> might it just be a control head connection problem?"
>
> Interesting. How about static? I can't count the number of times I've
> drawn an arc from my finger, around the buttons into the radio head when
> reaching for the power or other buttons.
>
> Kurt
>

# 19477. Re: ICOM-706 memory spontaneously clearing - Power Spikes?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-03 11:44:48 UTC
From: gw0div@btinternet.com
Topic: 19429  Message: 19477

I have one 706MK2g and 2 control heads, the memories are different depending which head I fit. Had some 2m repeaters in head 1 fitted head 2 and all the memories were gone, programmed the 2m repeaters and some 70cm repeaters into head 2, then went back to head 1 to find the 2m repeaters and no 70cm??

Unless the memories were in the head I'm not sure what happened here??

Confused

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "noskosteve" <noskosteve@...> wrote:
>
>
>
> I'm quite sure the memories are not in the control head. The CI-V routes to the internal micro and the radio can be operated without the control head by spoofing the control head signals. A couple of hams have done this.
>
> --
> 73, Steve, K9DCI
>
>
>
> --- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@> wrote:
> >
> > "The memories live in the control head, at least the seem to on the MK2g -
> > might it just be a control head connection problem?"
> >
> > Interesting. How about static? I can't count the number of times I've
> > drawn an arc from my finger, around the buttons into the radio head when
> > reaching for the power or other buttons.
> >
> > Kurt
> >
>

# 19478. Re: ICOM-706 memory spontaneously clearing - Possible fix (at least in my case)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-03 13:16:26 UTC
From: Jeffrey Schwartz
Topic: 19478  Message: 19478

Last weekend, the problem happened again - got in the truck, turned the key, no memories.
After the following stop, though, the radio wouldn't even turn on... Nada.

While the display remained blank, when I tried listening very carefully, I could hear the faintest 'click' of a relay when I tapped the power switch.

I went back to the service manual, and thought some more.

"Ah!"

Power goes to the PA direct , but there's the "circuit fuse" that protects the processor and other electronics. "Obviously, " said I, "the circuit fuse blew."

I opened up the radio... and the fuse looked good - no blackened glass, I could see the filament inside.

"I'll pull it and check it with my ohmmeter"

It was _very_ loose in the clip that held it - just touching it caused it to fall out. Of course, it fell out _into_ the radio, so it took some fiddling around to get it out. The meter check showed a good fuse, but there was some discoloration on the clip and the ends of the fuse, which I cleaned off.

I put the fuse back in - and wiggled one of the fuse clips for a better connection. There was a "click" , and it seated fully.

My theory at the moment is that the circuit fuse was loose in the clip, and that caused some arcing, which lead to increased resistance as the metals corroded. There's an increase in current draw when writing to an EEPROM... so I think what happened is that the radio didn't get a clean write _sometimes_. When that happened, it worked fine until I shut it off. During reboot, however, it would get a bad read (corrupt data during the write cycle), and decide there was a problem, and then do a full factory reset to continue.

# 19479. RE: [ic706] Re: ICOM-706 memory spontaneously clearing - Possible fix (at least in my case)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-04 00:59:02 UTC
From: Bob Reiff
Topic: 19478  Message: 19479

Ok, what did you do to fix it? Tighten the clip? Resolder it? Was the clip loose holding the fuse or the clip loose on the circuit board?

Bob, WA8ULW

From: Jeffrey Schwartz [mailto:schwartz.jeffrey@...]
Sent: February 03, 2012 08:16
To: ic706@yahoogroups.com
Subject: [ic706] Re: ICOM-706 memory spontaneously clearing - Possible fix (at least in my case)

Last weekend, the problem happened again - got in the truck, turned the key, no memories.
After the following stop, though, the radio wouldn't even turn on... Nada.

While the display remained blank, when I tried listening very carefully, I could hear the faintest 'click' of a relay when I tapped the power switch.

I went back to the service manual, and thought some more.

"Ah!"

Power goes to the PA direct , but there's the "circuit fuse" that protects the processor and other electronics. "Obviously, " said I, "the circuit fuse blew."

I opened up the radio... and the fuse looked good - no blackened glass, I could see the filament inside.

"I'll pull it and check it with my ohmmeter"

It was _very_ loose in the clip that held it - just touching it caused it to fall out. Of course, it fell out _into_ the radio, so it took some fiddling around to get it out. The meter check showed a good fuse, but there was some discoloration on the clip and the ends of the fuse, which I cleaned off.

I put the fuse back in - and wiggled one of the fuse clips for a better connection. There was a "click" , and it seated fully.

My theory at the moment is that the circuit fuse was loose in the clip, and that caused some arcing, which lead to increased resistance as the metals corroded. There's an increase in current draw when writing to an EEPROM... so I think what happened is that the radio didn't get a clean write _sometimes_. When that happened, it worked

fine until I shut it off. During reboot, however, it would get a bad read (corrupt data during the write cycle), and decide there was a problem, and then do a full factory reset to continue.

[Non-text portions of this message have been removed]

# 19480. Working split

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-05 15:58:56 UTC
From: w8joe@rocketmail.com
Topic: 19480  Message: 19480

Hello everyone. I've had my 706 almost from the start, as it's serial number is 6xxx. But, until recently never used it much. I originally got it for a trip to Costa Rico (where it worked great, by the way).

Now, having set up a second ham station in my bedroom, I am using it a lot. I am trying to work dx and use split. The whole process seems rather clumsy. Any hints?

Joe N8TI

# 19481. Re: [ic706] Working split

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-05 16:03:38 UTC
From: Joe Isabella
Topic: 19480  Message: 19481

Set up VFO A & B, turn on split, then flip between the VFOs when required. Working split is a bit clumsy no matter what. Of course, a "big" rig with dual receive makes it somewhat less clumsy. LOL

Joe, N3JI

---
From: "w8joe@..." <w8joe@...>
To: ic706@yahoogroups.com
Sent: Sunday, February 5, 2012 9:58 AM
Subject: [ic706] Working split

Hello everyone. I've had my 706 almost from the start, as it's serial number is 6xxx. But, until recently never used it much. I originally got it for a trip to Costa Rico (where it worked great, by the way).

Now, having set up a second ham station in my bedroom, I am using it a lot. I am trying to work dx and use split. The whole process seems rather clumsy. Any hints?

Joe N8TI

[Non-text portions of this message have been removed]

# 19482. Re: N1QDQ 706 Page

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-04 19:57:43 UTC
From: g1zhd
Topic: 4  Message: 19482

Hi

I'm new to this group and have started looking through the old posts. Do you still have a website for the 706 Pete?

Thanks
Adam
G1ZHD

--- In ic706@yahoogroups.com, "Pete Brunelli" <icom706list@...> wrote:
>
> Hey!
> I put up a small page for the 706, and it has a nice bunch of links for the 706 enthusiast.
>
> http://www.connix.com/~pcb/706/706.html
>
> Check it out and let me know if you have any links that you would like to see added.
>
> Pete, N1QDQ
> ------------------------------------------------------------------------
> Free Web-based e-mail groups -- http://www.eGroups.com
>

# 19483. Using fldigi in Ubuntu RigCAT control problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-06 02:42:40 UTC
From: mech259
Topic: 19483  Message: 19483

Hello to the group. I am new to this group and would like to say thanks for all the great reading from you guys. I am having RigCAT control problems with my Icom MKII G in fldigi for Ubuntu Linux. Keep getting "get_frequency" errors on both tty0 and tty1 serial port settings. I am using the CAT cable from Icom. Can transmit and receive great with Signal Link, but cannot control frequency from the desktop. I used the settings i found in rig control wiki for fldigi. Any help would be appreciated.

# 19484. Re: Using fldigi in Ubuntu RigCAT control problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-06 03:46:27 UTC
From: Dave
Topic: 19483  Message: 19484

Its under USB0. Same setup, only Mk2 non G.

--- In ic706@yahoogroups.com, "mech259" <mech5@...> wrote:
>
> Hello to the group. I am new to this group and would like to say thanks for all the great reading from you guys. I am having RigCAT control problems with my Icom MKII G in fldigi for Ubuntu Linux. Keep getting "get_frequency" errors on both tty0 and tty1 serial port settings. I am using the CAT cable from Icom. Can transmit and receive great with Signal Link, but cannot control frequency from the desktop. I used the settings i found in rig control wiki for fldigi. Any help would be appreciated.
>

# 19485. Re: Using fldigi in Ubuntu RigCAT control problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-06 04:50:07 UTC
From: mech259
Topic: 19483  Message: 19485

--- In ic706@yahoogroups.com, "Dave" <kb9mnm@...> wrote:
>
> Its under USB0. Same setup, only Mk2 non G.
>
> --- In ic706@yahoogroups.com, "mech259" <mech5@> wrote:
> >
> > Hello to the group. I am new to this group and would like to say thanks for all the great reading from you guys. I am having RigCAT control problems with my Icom MKII G in fldigi for Ubuntu Linux. Keep getting "get_frequency" errors on both tty0 and tty1 serial port settings. I am using the CAT cable from Icom. Can transmit and receive great with Signal Link, but cannot control frequency from the desktop. I used the settings i found in rig control wiki for fldigi. Any help would be appreciated.
> >
>
I am using a cat cable from Icom, serial to plug in back of ICOM. Do you know if I have to have the CT-17 adapter to work?

# 19486. Re: Using fldigi in Ubuntu RigCAT control problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-06 06:02:18 UTC
From: Dave
Topic: 19483  Message: 19486

To use the serial port, I think so. I haven't had to deal with that, but, I'm using a 5 dollar hong kong special USB cable Prolific chipset, and I didn't have to se anything. It recognized it right away, set it, and now its working great. I'm liking Ububtu more and more each day.

Dave KB9MNM

--- In ic706@yahoogroups.com, "mech259" <mech5@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "Dave" <kb9mnm@> wrote:
> >
> > Its under USB0. Same setup, only Mk2 non G.
> >
> > --- In ic706@yahoogroups.com, "mech259" <mech5@> wrote:
> > >
> > > Hello to the group. I am new to this group and would like to say thanks for all the great reading from you guys. I am having RigCAT control problems with my Icom MKII G in fldigi for Ubuntu Linux. Keep getting "get_frequency" errors on both tty0 and tty1 serial port settings. I am using the CAT cable from Icom. Can transmit and receive great with Signal Link, but cannot control frequency from the desktop. I used the settings i found in rig control wiki for fldigi. Any help would be appreciated.
> > >
> >
> > I am using a cat cable from Icom, serial to plug in back of ICOM. Do you know if I have to have the CT-17 adapter to work?
>

# 19487. Re: Using fldigi in Ubuntu RigCAT control problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-06 10:17:51 UTC
From: floyd_derek
Topic: 19483  Message: 19487

I am new to this group and have had the same problem, It seems that using USB comverter to connect can cause conflicts. My solution wa to fit an RS 232 card and connect through this to the ic 706, result no problem.

Regards Derek Floydn, M6DRF, UK, 73

--- In ic706@yahoogroups.com, "Dave" <kb9mnm@...> wrote:
>
> To use the serial port, I think so. I haven't had to deal with that, but, I'm using a 5 dollar hong kong special USB cable Prolific chipset, and I didn't have to se anything. It recognized it right away, set it, and now its working great. I'm liking Ububtu more and more each day.
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "mech259" mech5@ wrote:
> >
> >
> >
> > --- In ic706@yahoogroups.com, "Dave" <kb9mnm@> wrote:
> > >
> > > Its under USB0. Same setup, only Mk2 non G.
> > >
> > > --- In ic706@yahoogroups.com, "mech259" <mech5@> wrote:
> > > >
> > > > Hello to the group. I am new to this group and would like to say thanks for all the great reading from you guys. I am having RigCAT control problems with my Icom MKII G in fldigi for Ubuntu Linux. Keep getting "get_frequency" errors on both tty0 and tty1 serial port settings. I am using the CAT cable from Icom. Can transmit and receive great with Signal Link, but cannot control frequency from the desktop. I used the settings i found in rig control wiki for fldigi. Any help would be appreciated.
> > > >
> > >
> > > I am using a cat cable from Icom, serial to plug in back of ICOM. Do you know if I have to have the CT-17 adapter to work?
> > >
> >
>

# 19488. Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-07 04:25:04 UTC
From: adam_laurich
Topic: 19488  Message: 19488

I recently purchased an IC-706MKII at a ham fest and have been happy so far until I tried to contact a local repeater that uses a squelch tone. The UT-86 module seems to be difficult to find, would the UT-88 module work? In some other Icom radios such as the IC-V68, the manual shows the modules to be interchangeable (with the exception that the UT-88 has some scrambling functions). The modules appear to be physicality similar. Would the 706 accept the UT-88 and use it's squelch functions, or am I going to have to wait patently until someone offers a UT-86 for sale?

Thanks,
Adam
KK4FSY

# 19489. Re: Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-07 14:20:46 UTC
From: Dave
Topic: 19488  Message: 19489

Hi Adam,
As far as I have noticed, unless mine has the module in it, T-SQL is built in. I got mine from my ARES EC and he didnt tell me much about it.

I love my 706!

Maybe I should make a bumper sticker? :-)

Dave KB9MNM

--- In ic706@yahoogroups.com, "adam_laurich" <adam.laurich@...> wrote:
>
> I recently purchased an IC-706MKII at a ham fest and have been happy so far until I tried to contact a local repeater that uses a squelch tone. The UT-86 module seems to be difficult to find, would the UT-88 module work? In some other Icom radios such as the IC-V68, the manual shows the modules to be interchangeable (with the exception that the UT-88 has some scrambling functions). The modules appear to be physicality similar. Would the 706 accept the UT-88 and use it's squelch functions, or am I going to have to wait patently until someone offers a UT-86 for sale?
>
> Thanks,
> Adam
> KK4FSY
>

# 19490. Re: [ic706] Re: Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-07 14:24:37 UTC
From: Jeffrey Schwartz
Topic: 19488  Message: 19490

http://www.icomamerica.com/en/products/amateur/hf/706/default.aspx

Tone squelch standard

Tone squelch operation is available in FM mode for basic signalling
and quiet standby. Tone frequencies can be set independently for tone
squelch (Tx/Rx) and repeater tones, and a range of 50 frequencies is
available. A tone scan function is available to search for a
repeater's access tone quickly and easily.

On Tue, Feb 7, 2012 at 09:20, Dave <kb9mnm@yahoo.com> wrote:
> Hi Adam,
> As far as I have noticed, unless mine has the module in it, T-SQL is built in. I got mine from my ARES EC and he didnt tell me much about it.
>
> I love my 706!
>
> Maybe I should make a bumper sticker?  :-)
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "adam_laurich" <adam.laurich@...> wrote:
>>
>> I recently purchased an IC-706MKII at a ham fest and have been happy so far until I tried to contact a local repeater that uses a squelch tone.  The UT-86 module seems to be difficult to find, would the UT-88 module work?  In some other Icom radios such as the IC-V68, the manual shows the modules to be interchangeable (with the exception that the UT-88 has some scrambling functions).  The modules appear to be physicality similar.  Would the 706 accept the UT-88 and use it's squelch functions, or am I going to have to wait patently until someone offers a UT-86 for sale?
>>
>> Thanks,
>> Adam
>> KK4FSY
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19491. Re: [ic706] Re: Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-07 14:30:56 UTC
From: Dave Wright
Topic: 19488  Message: 19491

Thanks Jeff!

Dave KB9MNM

---

From: Jeffrey Schwartz <schwartz.jeffrey@...>
To: ic706@yahoogroups.com
Sent: Tuesday, February 7, 2012 8:24 AM
Subject: Re: [ic706] Re: Tone Squelch Module

http://www.icomamerica.com/en/products/amateur/hf/706/default.aspx

Tone squelch standard

Tone squelch operation is available in FM mode for basic signalling and quiet standby. Tone frequencies can be set independently for tone squelch (Tx/Rx) and repeater tones, and a range of 50 frequencies is available. A tone scan function is available to search for a repeater's access tone quickly and easily.

On Tue, Feb 7, 2012 at 09:20, Dave <kb9mnm@...> wrote:
> Hi Adam,
> As far as I have noticed, unless mine has the module in it, T-SQL is built in. I got mine from my ARES EC and he didnt tell me much about it.
>
> I love my 706!
>
> Maybe I should make a bumper sticker?  :-)
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "adam_laurich" <adam.laurich@...> wrote:
>>
>> I recently purchased an IC-706MKII at a ham fest and have been happy so far until I tried to contact a local repeater that uses a squelch tone.  The UT-86 module seems to be difficult to find, would the UT-88 module work?  In some other Icom radios such as the IC-V68, the manual shows the modules to be interchangeable (with the exception that the UT-88 has some scrambling functions).  The modules appear to be physicality similar.  Would the 706 accept the UT-88 and use it's squelch functions, or am I going to have to wait patently until someone offers a UT-86 for sale?
>>
>> Thanks,
>> Adam
>> KK4FSY
>>
>

>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19492. Re: Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-07 20:05:18 UTC
From: Mike Rodgers
Topic: 19488  Message: 19492

Hi Adam, welcome to Ham Radio and the 706. You may be confused or I may be. I don't think you need that tone squelch unit. That would be if you want your receive tone squelch.

Go into the menu to item q4 rptr tone and select tone. This will put a tone on your transmit to open the repeater.

If you need more detail help email me or call 817 774 8758.

Sorry I couldn't reply sooner.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink

# 19493. Re: Tone Squelch Module

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-08 04:09:21 UTC
From: adam_laurich
Topic: 19488  Message: 19493

You are right! The squelch unit is only used to squelch receiving tones. I brought out the HT and and tested my 706, it is transmitting the tones just fine. I guess I have to fallow the K.I.S.S. method instead of rummaging around in schematics and service manuals.

Thanks for the responses,
Adam
KK4FSY

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> Hi Adam, welcome to Ham Radio and the 706. You may be confused or I may be. I don't think you need that tone squelch unit. That would be if you want your receive tone squelch.
>
> Go into the menu to item q4 rptr tone and select tone. This will put a tone on your transmit to open the repeater.
>
> If you need more detail help email me or call 817 774 8758.
>
> Sorry I couldn't reply sooner.
>
> 73
> Mike R
>
> Sent from my spy ring
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink
>

# 19494. IC-706MKII cooling fan does not turn on any more

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-09 11:53:32 UTC
From: Antoine
Topic: 19494  Message: 19494

Hi,

This is 3D2AG Tony; during recent DXpedition to Rotuma Island I had a problem with my ICOM 706MKII, in that the cooling fan did not turn on any more during TX or RX. To avoid the high temperature on rig and continue the pileups, I had to unplug the fan connector from the board, and connect the wires directly to the 12V power supply via a variable resistor! Could this be a problem with thermal sensor? Where is the sensor, and how to check / replace? Any suggestions welcome. VY 73 es DX!

# 19495. re:[ic706] IC-706MKII cooling fan does not turn on any more

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-10 01:21:47 UTC
From: dunsul@attglobal.net
Topic: 19494  Message: 19495

Hey Tony, What ever your problem is I have already found a modification online that keeps the fan running all of the time at a low speed and then turns on at normal speed when it normally should. Radio runs to hot out of the box for me... I don't know why they shut this fan off unless they are trying to boost the low current receive numbers when the fan is not running? My sarcasm may not be far from the truth. Tony N2VAJ ---- Original Message ---- From: "Antoine" To: ic706@yahoogroups.com Cc: Subject: [ic706] IC-706MKII cooling fan does not turn on any more Date: Thu, February 09, 2012, 11:53:00 ?

Hi,

This is 3D2AG Tony; during recent DXpedition to Rotuma Island I had a problem with my ICOM 706MKII, in that the cooling fan did not turn on any more during TX or RX. To avoid the high temperature on rig and continue the pileups, I had to unplug the fan connector from the board, and connect the wires directly to the 12V power supply via a variable resistor! Could this be a problem with thermal sensor? Where is the sensor, and how to check / replace? Any suggestions welcome. VY 73 es DX!

## 19496. Re: re:[ic706] IC-706MKII cooling fan does not turn on any more

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-10 02:37:00 UTC
From: Antoine
Topic: 19494 Message: 19496

Hi Tony, Thanks for the tip; yes I've heard about that mod. My problem is that the fan never turns on when it should so I would need to manually adjust the speed unless I find the cause of the problem (faulty thermistor?) The initial problem was a corroded power lead into the fan, but when I soldered it back on the fan never turned on automatically afterwards (heat damage to thermistor during the first incident?)The fan motor is still good. VY 73, Tony --- In ic706@yahoogroups.com, dunsul@... wrote: > > Hey Tony, > > What ever your problem is I have already found a modification online that > keeps the fan running all of the time at a low speed and then turns on at > normal speed when it normally should. > > Radio runs to hot out of the box for me... > > I don't know why they shut this fan off unless they are trying to boost the > low current receive numbers when the fan is not running? > > My sarcasm may not be far from the truth. > > Tony > > N2VAJ > > ---- Original Message ---- > > From: "Antoine" > To: ic706@yahoogroups.com > Cc: > Subject: [ic706] IC-706MKII cooling fan does not turn on any more > Date: Thu, February 09, 2012, 11:53:00 > > > > > 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd"> > > > > > > > > > > > > > > >
>
> > >
> > >
Hi,
>
> This is 3D2AG Tony; during recent DXpedition to Rotuma Island I had a > problem with my ICOM 706MKII, in that the cooling fan did not turn on any > more during TX or RX. To avoid the high temperature on rig and continue > the pileups, I had to unplug the fan connector from the board, and connect > the wires directly to the 12V power supply via a variable resistor! Could > this be a problem with thermal sensor? Where is the sensor, and how to > check / replace? Any suggestions welcome. VY 73 es DX!
>
>
> >
> > > >
> > > > > > > > > > > > >

# 19497. re:Re: re:[ic706] IC-706MKII cooling fan does not turn on any more

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-10 18:22:57 UTC
From: dunsul@attglobal.net
Topic: 19494  Message: 19497

Hi Tony, I realize my comments did not help you with your basic problem however if you want to trouble shoot the thermistor then look up its resistance value and substitute a resistor in place of the sensor, if it is not a silicon based intergrated diode reference and substitute the resistor in its place at a value that would equal a higher temperature where the fan should turn on. Plenty of service manuals out there for you to identify the circuit. Good Luck! Tony N2VAJ ---- Original Message ---- From: "Antoine" To: ic706@yahoogroups.com Cc: Subject: Re: re:[ic706] IC-706MKII cooling fan does not turn on any more Date: Fri, February 10, 2012, 02:37:00 ?

Hi Tony,

Thanks for the tip; yes I've heard about that mod. My problem is that the fan never turns on when it should so I would need to manually adjust the speed unless I find the cause of the problem (faulty thermistor?) The initial problem was a corroded power lead into the fan, but when I soldered it back on the fan never turned on automatically afterwards (heat damage to thermistor during the first incident?)The fan motor is still good.

VY 73,

Tony

--- In ic706@yahoogroups.com, dunsul@... wrote:
>
> Hey Tony,
>
> What ever your problem is I have already found a modification online that
> keeps the fan running all of the time at a low speed and then turns on at
> normal speed when it normally should.
>
> Radio runs to hot out of the box for me...
>
> I don't know why they shut this fan off unless they are trying to boost the
> low current receive numbers when the fan is not running?
>
> My sarcasm may not be far from the truth.
>
> Tony
>
> N2VAJ
>
> ---- Original Message ----
>
> From: "Antoine"
> To: ic706@yahoogroups.com
> Cc:
> Subject: [ic706] IC-706MKII cooling fan does not turn on any more

> Date: Thu, February 09, 2012, 11:53:00
>
>
>
>
> > 4.01//EN" "http://www.w3.org/TR/html 4/strict.dtd
(http://www.w3.org/TR/html4/strict.dtd)">
>
>
>
>
>
>
>
>
>
>
>
> ?
>
>
>

>

>
>
>

>
>
>
Hi,

>

> This is 3D2AG Tony; during recent DXpedition to Rotuma Island I had a
> problem with my ICOM 706MKII, in that the cooling fan did not turn on any
> more during TX or RX. To avoid the high temperature on rig and continue
> the pileups, I had to unplug the fan connector from the board, and connect
> the wires directly to the 12V power supply via a variable resistor! Could
> this be a problem with thermal sensor? Where is the sensor, and how to
> check / replace? Any suggestions welcome. VY 73 es DX!

>

>

>
>

>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>

## 19498. re:Re: re:[ic706] IC-706MKII cooling fan does not turn on any more

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-11 07:36:36 UTC
From: Antoine
Topic: 19494 Message: 19498

Hi again Tony, Thanks for this advice. I will try and look up the circuits on internet. My rig is the IC-706MKII Japanese domestic model version (bought in Akihabara in 1999). Even during normal operation, especially in tropical countries, the rig gets very hot even on receive only. On this last episode, the fan gave up all of a sudden during a big pileup with Europe and I did not notice the event until I touched the top of the radio by accident! You could have cooked an egg on it, Hi :-) I'm lucky that the finals did not give up then... Best 73, Tony 3D2AG --- In ic706@yahoogroups.com, dunsul@... wrote: > > Hi Tony, > > I realize my comments did not help you with your basic problem however if > you want to trouble shoot the thermistor then look up its resistance value > and substitute a resistor in place of the sensor, if it is not a silicon based > intergrated diode reference and substitute the resistor in its place at a > value that would equal a higher temperature where the fan should turn on. > > Plenty of service manuals out there for you to identify the circuit. > > Good Luck! > > Tony > > N2VAJ > > > > ---- Original Message ---- > > From: "Antoine" > To: ic706@yahoogroups.com > Cc: > Subject: Re: re:[ic706] IC-706MKII cooling fan does not turn on any more > Date: Fri, February 10, 2012, 02:37:00 > > > > > 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd"> > > > > > > > > > > > > > > >
>
> > >
> > >
Hi Tony,
>
> Thanks for the tip; yes I've heard about that mod. My problem is that the > fan never turns on when it should so I would need to manually adjust the > speed unless I find the cause of the problem (faulty thermistor?) The initial > problem was a corroded power lead into the fan, but when I soldered it > back on the fan never turned on automatically afterwards (heat damage to > thermistor during the first incident?)The fan motor is still good.
>
> VY 73,
>
> Tony
>
> --- In ic706@yahoogroups.com, dunsul@ > wrote:
> >
> > Hey Tony,
> >
> > What ever your problem is I have already found a modification online > that
> > keeps the fan running all of the time at a low speed and then turns on > at
> > normal speed when it normally should.
> >
> > Radio runs to hot out of the box for me...
> >
> > I don't know why they shut this fan off unless they are trying to boost > the
> > low current receive numbers when the fan is not running?
> >

> > My sarcasm may not be far from the truth.
> >
> > Tony
> >
> > N2VAJ
> >
> > ---- Original Message ----
> >
> > From: "Antoine"
> > To: ic706@yahoogroups.com
> > Cc:
> > Subject: [ic706] IC-706MKII cooling fan does not turn on any more
> > Date: Thu, February 09, 2012, 11:53:00
> >
> >
> >
> >
> > > > 4.01//EN" " href="http://www.w3.org/TR/html4/strict.dtd">http://www.w3.org/TR/html
> 4/strict.dtd">
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >

> >

> >
> >
> >

> >
> >
> >
Hi,

> >

> > This is 3D2AG Tony; during recent DXpedition to Rotuma Island I had a >
> > problem with my ICOM 706MKII, in that the cooling fan did not turn on > any
> > more during TX or RX. To avoid the high temperature on rig and continue >

> > the pileups, I had to unplug the fan connector from the board, and > connect
> > the wires directly to the 12V power supply via a variable resistor! Could >
> > this be a problem with thermal sensor? Where is the sensor, and how to >
> > check / replace? Any suggestions welcome. VY 73 es DX!

> >

> >

> >
> >

> >
> >
> >
> >

> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
>
>
> >
> > > >
> > > > > > > > > > > > > >

# 19499. PA DRIVER BOARD

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-12 21:21:45 UTC
From: olemancubkohler
Topic: 19499  Message: 19499

I have 706MKIIG & the pa driver board is missing, anybody have one? Merv, ka8pgw,

# 19500. Cannot TX with HRD on MK2IIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-20 17:14:20 UTC
From: Gary Brown
Topic: 19500  Message: 19500

Subject says it all. Fails on HF and UHF.

All other HRD functions work fine.

Tried two cables, each with different serial adapter.
Using 5.1, Win XP

Clickin TX button fails.

TIA,
Gary

# 19501. RE: [ic706] Cannot TX with HRD on MK2IIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-20 22:10:01 UTC
From: Rick Ellison
Topic: 19500  Message: 19501

It will Gary.. There is no CAT command to put the 706 into transmit. PTT needs to be done with an outside keying method. After setting up PTT in DM780 of HRD you need to use the TX macro to do it but the TX button in the radio control will not work for any of the 706 radios..

73 Rick N2AMG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Gary Brown
Sent: Monday, February 20, 2012 12:14 PM
To: ic706@yahoogroups.com
Subject: [ic706] Cannot TX with HRD on MK2IIG

Subject says it all. Fails on HF and UHF.

All other HRD functions work fine.

Tried two cables, each with different serial adapter.
Using 5.1, Win XP

Clickin TX button fails.

TIA,
Gary

---

Yahoo! Groups Links

# 19502. RE: [ic706] Cannot TX with HRD on MK2IIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-20 23:36:00 UTC
From: Rick Ellison
Topic: 19500  Message: 19502

I just noticed that should read It will not Gary..

73 Rick N2AMG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Rick Ellison
Sent: Monday, February 20, 2012 5:10 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] Cannot TX with HRD on MK2IIG

It will Gary.. There is no CAT command to put the 706 into transmit. PTT needs to be done with an outside keying method. After setting up PTT in DM780 of HRD you need to use the TX macro to do it but the TX button in the radio control will not work for any of the 706 radios..

73 Rick N2AMG

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Gary Brown
Sent: Monday, February 20, 2012 12:14 PM
To: ic706@yahoogroups.com
Subject: [ic706] Cannot TX with HRD on MK2IIG

Subject says it all. Fails on HF and UHF.

All other HRD functions work fine.

Tried two cables, each with different serial adapter.
Using 5.1, Win XP

Clickin TX button fails.

TIA,
Gary

------------------------------------

Yahoo! Groups Links

------------------------------------

Yahoo! Groups Links

# 19503. Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 18:45:06 UTC
From: Larry
Topic: 19503  Message: 19503

Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed.

Thanks and 73,

Larry, N2HBX

# 19504. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 20:19:40 UTC
From: Jeffrey Schwartz
Topic: 19503  Message: 19504

Check the circuit fuse inside the radio - same symptom for me when it
was loose.

Also, check to see if one or more contacts isn't fully seated on the cable.

On Tue, Feb 21, 2012 at 13:45, Larry <n2hbx@...> wrote:
> Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed.
>
> Thanks and 73,
>
> Larry, N2HBX
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19505. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 20:23:19 UTC
From: Jack
Topic: 19503  Message: 19505

the screw is needed, also check the fuse inside as well as that the contacts are clean (use a red eraser)

-----Original Message-----
From: Larry
Sent: Tuesday, February 21, 2012 1:45 PM
To: ic706@yahoogroups.com
Subject: [ic706] Separation Kit Question

Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed.

Thanks and 73,

Larry, N2HBX

---

Yahoo! Groups Links

# 19506. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 20:52:51 UTC
From: AB1DD
Topic: 19503  Message: 19506

And, Yes, you need the screw

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Tue, 2/21/12, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:

Check the circuit fuse inside the radio - same symptom for me when it

was loose.

Also, check to see if one or more contacts isn't fully seated on the cable.

Larry scribbled:

Is the screw required to complete a ground for the cable to make the radio turn on?

>

> Larry, N2HBX

>

>

>

[Non-text portions of this message have been removed]

# 19507. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 20:52:52 UTC
From: Facility 406 DM09
Topic: 19503  Message: 19507

"Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed."

I wouldn't try it without it, all the connections could be loose/erratic. Check Ace Hardware for the tiny little metric screw, someone here can tell you the size.

Kurt

# 19508. RE: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-21 22:15:28 UTC
From: Bob Reiff
Topic: 19503  Message: 19508

You need the screw to prevent many kinds of problems. It is metric and commonly available at Lowe's or Home Depot if you can't find one in a junk box.

Bob, WA8ULW

No trees were killed in the sending of this message. However, a large number of electrons were terribly inconvenienced.

From: Larry [mailto:n2hbx@...]
Sent: February 21, 2012 13:45
To: ic706@yahoogroups.com
Subject: [ic706] Separation Kit Question

Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed.

Thanks and 73,

Larry, N2HBX

[Non-text portions of this message have been removed]

# 19509. RE: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 00:45:45 UTC
From: Joe
Topic: 19503  Message: 19509

It should at least power up. Clean all connections, but still add the screw...

Joe, N3JI

Sent from my Verizon Wireless smartphone

Bob Reiff <wa8ulw@arrl.net> wrote:

>You need the screw to prevent many kinds of problems. It is metric and
>commonly available at Lowe's or Home Depot if you can't find one in a junk
>box.
>
>
>
>Bob, WA8ULW
>
>
>
>
>
>No trees were killed in the sending of this message. However, a large
>number of electrons were terribly inconvenienced.
>
>
>
>From: Larry [mailto:n2hbx@aol.com]
>Sent: February 21, 2012 13:45
>To: ic706@yahoogroups.com
>Subject: [ic706] Separation Kit Question
>
>
>
>
>
>Picked up a separation cable for my 706. When I hit the power button I get a
>relay click on and off. Is the screw required to complete a ground for the
>cable to make the radio turn on? Am I missing something else? I got the
>cable off Ebay...I have the feeling I got hosed.
>
>Thanks and 73,
>
>Larry, N2HBX
>
>
>
>

>
>[Non-text portions of this message have been removed]
>

# 19510. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 01:05:20 UTC
From: David Westbrook
Topic: 19503  Message: 19510

What does the screw do? There's not a ground provided through one of the pins?

Been using the cable with my 706MKII without a scew and haven't noticed any issues ... what would be symptoms?

thanks
--david
KJ4IZW

On Tue, Feb 21, 2012 at 7:45 PM, Joe <n3ji@...> wrote:

> **
>
>
> It should at least power up. Clean all connections, but still add the
> screw...
>
> Joe, N3JI
>
> Sent from my Verizon Wireless smartphone
>
>
> Bob Reiff <wa8ulw@...> wrote:
>
> >You need the screw to prevent many kinds of problems. It is metric and
> >commonly available at Lowe's or Home Depot if you can't find one in a junk
> >box.
> >
> >
> >
> >Bob, WA8ULW
> >
> >
> >
> >
> >
> >No trees were killed in the sending of this message. However, a large
> >number of electrons were terribly inconvenienced.
> >
> >
> >
> >From: Larry [mailto:n2hbx@...]
> >Sent: February 21, 2012 13:45
> >To: ic706@yahoogroups.com
> >Subject: [ic706] Separation Kit Question

> >
> >
> >
> >
> >
> >Picked up a separation cable for my 706. When I hit the power button I
> get a
> >relay click on and off. Is the screw required to complete a ground for the
> >cable to make the radio turn on? Am I missing something else? I got the
> >cable off Ebay...I have the feeling I got hosed.
> >
> >Thanks and 73,
> >
> >Larry, N2HBX
> >
> >
> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 19511. IC 706 MKIIG Remote Control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 00:17:32 UTC
From: jmpapon
Topic: 19511  Message: 19511

I am new to this group and new to Ham radio.
I am using a 706 MKIIG for email transmittal on Airmail and WL2K as well as weather faxes on my boat.
I use a Pactor IIex licensed for PactorIII and a Windows PC with XP5.1
I was told that I could remotely control the radio from my computer using a OPC-478UC cable which I bought.
I am struggling with the address, baud and other settings to make it work.
Can someone help me with this?
I would really appreciate.
Thanks,

Jean Marc
KD5ULU

# 19512. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 04:44:29 UTC
From: Mike Rodgers
Topic: 19503  Message: 19512

David, if it works for you fine. If you experience weird problems, that will be the first suspect.

73
Mike R

Sent from my spy ring

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 21, 2012, at 7:05 PM, David Westbrook <dwestbrook@...> wrote:

> What does the screw do? There's not a ground provided through one of the
> pins?
>
> Been using the cable with my 706MKII without a scew and haven't noticed any
> issues ... what would be symptoms?
>
> thanks
> --david
> KJ4IZW
>
> On Tue, Feb 21, 2012 at 7:45 PM, Joe <n3ji@...> wrote:
>
>> **
>>
>>
>> It should at least power up. Clean all connections, but still add the
>> screw...
>>
>> Joe, N3JI
>>
>> Sent from my Verizon Wireless smartphone
>>
>>
>> Bob Reiff <wa8ulw@...> wrote:
>>
>>> You need the screw to prevent many kinds of problems. It is metric and
>>> commonly available at Lowe's or Home Depot if you can't find one in a junk
>>> box.
>>>
>>>
>>>
>>> Bob, WA8ULW
>>>

>>>
>>>
>>>
>>>
>>> No trees were killed in the sending of this message. However, a large
>>> number of electrons were terribly inconvenienced.
>>>
>>>
>>>
>>> From: Larry [mailto:n2hbx@...]
>>> Sent: February 21, 2012 13:45
>>> To: ic706@yahoogroups.com
>>> Subject: [ic706] Separation Kit Question
>>>
>>>
>>>
>>>
>>>
>>> Picked up a separation cable for my 706. When I hit the power button I
>> get a
>>> relay click on and off. Is the screw required to complete a ground for the
>>> cable to make the radio turn on? Am I missing something else? I got the
>>> cable off Ebay...I have the feeling I got hosed.
>>>
>>> Thanks and 73,
>>>
>>> Larry, N2HBX
>>>
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19513. Re: [ic706] Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 05:45:04 UTC
From: Awallace
Topic: 19503  Message: 19513

It is in fact ground point for the screen. See the metal insert in the hole?

RF feedback can occur without it.

It is 3 mm diam and 6mm long. Get some from a discarded PC power supply from
a repair shop.

73 Adrian
VK5AW

--------- Original Message --------
From: ic706@yahoogroups.com
To: ic706@yahoogroups.com <ic706@yahoogroups.com>
Subject: Re: [ic706] Separation Kit Question
Date: 22/02/12 10:35

>
> What does the screw do? There's not a ground provided through one of the
> pins?
>
> Been using the cable with my 706MKII without a scew and haven't noticed
any
> issues ... what would be symptoms?
>
> thanks
> --david
> KJ4IZW
>
> On Tue, Feb 21, 2012 at 7:45 PM, Joe <n3ji@...> wrote:
>
> > **
> >
> >
> > It should at least power up. Clean all connections, but still add the
> > screw...
> >
> > Joe, N3JI
> >
> > Sent from my Verizon Wireless smartphone
> >
> >
> > Bob Reiff <wa8ulw@...> wrote:
> >
> > >You need the screw to prevent many kinds of problems. It is
metric and
> > >commonly available at Lowe's or Home Depot if you can't find one

in a junk
> > >box.
> > >
> > >
> > >
> > >Bob, WA8ULW
> > >
> > >
> > >
> > >
> > >
> > >No trees were killed in the sending of this message. However, a
large
> > >number of electrons were terribly inconvenienced.
> > >
> > >
> > >
> > >From: Larry [mailto:n2hbx@...]
> > >Sent: February 21, 2012 13:45
> > >To: ic706@yahoogroups.com
> > >Subject: [ic706] Separation Kit Question
> > >
> > >
> > >
> > >
> > >
> > >Picked up a separation cable for my 706. When I hit the power
button I
> > get a
> > >relay click on and off. Is the screw required to complete a
ground for the
> > >cable to make the radio turn on? Am I missing something else? I
got the
> > >cable off Ebay...I have the feeling I got hosed.
> > >
> > >Thanks and 73,
> > >
> > >Larry, N2HBX
> > >
> > >
> > >
> > >
> > >
> > >[Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> <*> To visit your group on the web, go to:
> http://groups.yahoo.com/group/ic706/
>
> <*> Your email settings:
> Individual Email | Traditional
>
> <*> To change settings online go to:
> http://groups.yahoo.com/group/ic706/join
> (Yahoo! ID required)
>
> <*> To change settings via email:
> ic706-digest@yahoogroups.com
> ic706-fullfeatured@yahoogroups.com
>
> <*> To unsubscribe from this group, send an email to:
> ic706-unsubscribe@yahoogroups.com
>
> <*> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>
>
>
>

_____________________________________________________________
sent by Webmail @ Riverland Internet

# 19514. Re: [ic706] Separation Kit-More

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 06:03:54 UTC
From: Awallace
Topic: 19514  Message: 19514

t--------- Original Message --------
From: ic706@yahoogroups.com
To: ic706@yahoogroups.com <ic706@yahoogroups.com>
Subject: Re: [ic706] Separation Kit Question
Date: 22/02/12 15:15

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> It is in fact the ground point for the cable screen. See the metal insert
in the hole?

If not, you may need to cut away some plastic to find the ground & solder a
loop to the screen connection. It may have been broken off in its previous
life.
Like the man said, its the first place to look when weird stuff starts
haappening. Then go thru the contact cleaning routine.
>
> RF feedback can occur without it.
>

> It is 3 mm diam and 6mm long. Get some from a discarded PC power supply
from
> a computer repair shop. They hold cover plates on the supply.
>
> 73 Adrian
> VK5AW
>
> --------- Original Message --------
> From: ic706@yahoogroups.com
> To: ic706@yahoogroups.com <ic706@yahoogroups.com>
> Subject: Re: [ic706] Separation Kit Question
> Date: 22/02/12 10:35
>
> >
> > What does the screw do? There's not a ground provided through one of
the
> > pins?
> >
> > Been using the cable with my 706MKII without a scew and haven't
noticed
> any
> > issues ... what would be symptoms?
> >
> > thanks
> > --david
> > KJ4IZW
> >
> > On Tue, Feb 21, 2012 at 7:45 PM, Joe <n3ji@...>
wrote:
> >
> > > **
> > >
> > >
> > > It should at least power up. Clean all connections, but
still add the
> > > screw...
> > >
> > > Joe, N3JI
> > >
> > > Sent from my Verizon Wireless smartphone
> > >
> > >
> > > Bob Reiff <wa8ulw@...> wrote:
> > >
> > > >You need the screw to prevent many kinds of
problems. It is
> metric and
> > > >commonly available at Lowe's or Home Depot if you
can't find one
> in a junk

> > > >box.
> > > >
> > > >
> > > >
> > > >Bob, WA8ULW
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >No trees were killed in the sending of this message.
However, a
> large
> > > >number of electrons were terribly inconvenienced.
> > > >
> > > >
> > > >
> > > >From: Larry [mailto:n2hbx@...]
> > > >Sent: February 21, 2012 13:45
> > > >To: ic706@yahoogroups.com
> > > >Subject: [ic706] Separation Kit Question
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >Picked up a separation cable for my 706. When I hit
the power
> button I
> > > get a
> > > >relay click on and off. Is the screw required to
complete a
> ground for the
> > > >cable to make the radio turn on? Am I missing
something else? I
> got the
> > > >cable off Ebay...I have the feeling I got hosed.
> > > >
> > > >Thanks and 73,
> > > >
> > > >Larry, N2HBX
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >[Non-text portions of this message have been
removed]
> > > >
> > >

> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> > <*> To visit your group on the web, go to:
> > http://groups.yahoo.com/group/ic706/
> >
> > <*> Your email settings:
> > Individual Email | Traditional
> >
> > <*> To change settings online go to:
> > http://groups.yahoo.com/group/ic706/join
> > (Yahoo! ID required)
> >
> > <*> To change settings via email:
> > ic706-digest@yahoogroups.com
> > ic706-fullfeatured@yahoogroups.com
> >
> > <*> To unsubscribe from this group, send an email to:
> > ic706-unsubscribe@yahoogroups.com
> >
> > <*> Your use of Yahoo! Groups is subject to:
> > http://docs.yahoo.com/info/terms/
> >
> >
> >
> >
> >
>
> ------------------------------------------------------------
> sent by Webmail @ Riverland Internet
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

---
sent by Webmail @ Riverland Internet

# 19515. Re: Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 07:23:32 UTC
From: gunnystungun
Topic: 19503  Message: 19515

Why I cannot imagine getting hosed by ebay. Unheard of.

--- In ic706@yahoogroups.com, "Larry" <n2hbx@...> wrote:
>
> Picked up a separation cable for my 706. When I hit the power button I get a relay click on and off. Is the screw required to complete a ground for the cable to make the radio turn on? Am I missing something else? I got the cable off Ebay...I have the feeling I got hosed.
>
> Thanks and 73,
>
> Larry, N2HBX
>

# 19516. Re: Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 17:47:23 UTC
From: EdwinB
Topic: 19503  Message: 19516

--- In ic706@yahoogroups.com, David Westbrook <dwestbrook@...> wrote:
My 706MK0 won't work if I install the screw. I've been running it for years in a variety of vehicles with no screw, and no problems. If memory serves me, there was a problem early on with screws being too long and shorting something out.

Regards,
Ed

>
> What does the screw do? There's not a ground provided through one of the
> pins?
>
> Been using the cable with my 706MKII without a scew and haven't noticed any
> issues ... what would be symptoms?
>
> thanks
> --david
> KJ4IZW
>
> On Tue, Feb 21, 2012 at 7:45 PM, Joe <n3ji@...> wrote:
>
> > **
> > >
> > >
> > > It should at least power up. Clean all connections, but still add the
> > > screw...
> > >
> > > Joe, N3JI
> > >
> > > Sent from my Verizon Wireless smartphone
> > >
> > >
> > > Bob Reiff <wa8ulw@...> wrote:
> > >
> > > >You need the screw to prevent many kinds of problems. It is metric and
> > > >commonly available at Lowe's or Home Depot if you can't find one in a junk
> > > >box.
> > > >
> > > >
> > > >
> > > >Bob, WA8ULW
> > > >
> > > >
> > > >
> > > >
> > > >

> > >
> > >No trees were killed in the sending of this message. However, a large
> > >number of electrons were terribly inconvenienced.
> > >
> > >
> > >
> > >From: Larry [mailto:n2hbx@...]
> > >Sent: February 21, 2012 13:45
> > >To: ic706@yahoogroups.com
> > >Subject: [ic706] Separation Kit Question
> > >
> > >
> > >
> > >
> > >
> > >Picked up a separation cable for my 706. When I hit the power button I
> > get a
> > >relay click on and off. Is the screw required to complete a ground for the
> > >cable to make the radio turn on? Am I missing something else? I got the
> > >cable off Ebay...I have the feeling I got hosed.
> > >
> > >Thanks and 73,
> > >
> > >Larry, N2HBX
> > >
> > >
> > >
> > >
> > >
> > >[Non-text portions of this message have been removed]
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19517. Band up and down buttons don't work and unit always powers up in factory reset

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 13:26:48 UTC
From: ve3bv
Topic: 19517  Message: 19517

Ive posted this before and thought I would give it another go.
I have a 706mk2 which was hit by lightning years ago. Ive replaced various parts and boards and unit is back on air..the issue now is when you power up the unit it does a Factory Reset every time. You can get the Band up down buttons to do various functions in the setup using the Display Hold function. I had the working properly and shortly after the memory seems to be stuck in reset. I have done the reset (hold down /up/down power 100 times still no change. Does anyone know where I could start checking voltages or clk pulses?? I almost have an idea that the line is open or shorted.If you have ever worked on these rigs to replace some parts there is ribbon connectors gallor to undu. maybe a place to look but Im stumped.. any help appreciated ..bruce

# 19518. Re: [ic706] Re: Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-22 20:51:51 UTC
From: Facility 406 DM09
Topic: 19503  Message: 19518

: Why I cannot imagine getting hosed by ebay. Unheard of.

Yeah, ebay is a LOT worse to deal with than the myriad flaky sellers that use it....

Kurt

# 19519. Re: Separation Kit Question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-23 13:25:26 UTC
From: Larry
Topic: 19503  Message: 19519

Hey Guys!

Appreciate all the input...problem has been fixed.

Went inside, tightened the fuseholder clips and tightened all the circuit board mounting screws. Then, I took some contact cleaner and cleaned all of the mating connectors on the radio and the cable. Put it all back together. After a few false starts (sort of like getting a car to start that's been sitting awhile), the radio came on and stayed on. Tested it off and on all day yesterday, leaving it on to make sure it stayed powered up, turned it off for a while to make sure it would power up again. Installed the screw just for luck. Looks like we have a winner!

On the subject of Ebay, I think in almost 10 years, I've only gotten really screwed once out of a couple hundred transactions. Not too bad an average. Maybe I've just been really lucky.

Thanks again for everyone's help!

73,
Larry, N2HBX

--- In ic706@...m, "Facility 406 DM09" <facility_406@...> wrote:
>
> : Why I cannot imagine getting hosed by ebay. Unheard of.
>
> Yeah, ebay is a LOT worse to deal with than the myriad flaky sellers that
> use it....
>
> Kurt
>

# 19520. Tune button stopped working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-25 13:56:46 UTC
From: w8joe@rocketmail.com
Topic: 19520  Message: 19520

Hello everyone. Yesterday, when I turned on my IC706 (original model serial number 6xxx), the tune button was dead. I have a LDG tuner hooked up to it via the control connector cable and the tuner was not reading the radio. In fact, the tuner had frozen up and only started working after I unplugged it's power supply and unplugged its control cable from the radio.

The red light dies not come on on the tune button.

The tune button feels like it is not mechanically working. It feels like someone glued it in place. The button was getting hard to work.

Has anyone hasd this problem? I keep the radio in a closet, locked away from my cats (aka "Seal Team Six" as they destroy everything they gets their paws on), so I know nobody messed with the radio mechanically.

The tuner had power going to it, but not the radio when I shut it down as I unplugged the power supply.

How can I free the button mechanically? Spray something on it? Admittedly, it was getting hard to push. The preamp button is the same way. Been like that for years. I never used the radio much at all since I got it. Within the last ten years probably only five or six times until a month ago when I set it up in my new closet operating station. Now I use it every day.

The tuner works again, plugged in to the rig via the control cable, but it is like the control cable is not hooked up. You can't use the tune button, of course. I really liked that.

Any advice would be appreciated The only other problem with rig is low output (75 watts) on 40 meters regardless of antenna used. I coukc live with that. I only run CW.

Thanks.

Joe N8TI

# 19521. Tune button stopped working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-25 14:04:58 UTC
From: w8joe@rocketmail.com
Topic: 19520  Message: 19521

Hello everyone. Yesterday, when I turned on my IC706 (original model serial number 6xxx), the tune button was dead. I have a LDG tuner hooked up to it via the control connector cable and the tuner was not reading the radio. In fact, the tuner had frozen up and only started working after I unplugged it's power supply and unplugged its control cable from the radio.

The red light dies not come on on the tune button.

The tune button feels like it is not mechanically working. It feels like someone glued it in place. The button was getting hard to work.

Has anyone hasd this problem? I keep the radio in a closet, locked away from my cats (aka "Seal Team Six" as they destroy everything they gets their paws on), so I know nobody messed with the radio mechanically.

The tuner had power going to it, but not the radio when I shut it down as I unplugged the power supply.

How can I free the button mechanically? Spray something on it? Admittedly, it was getting hard to push. The preamp button is the same way. Been like that for years. I never used the radio much at all since I got it. Within the last ten years probably only five or six times until a month ago when I set it up in my new closet operating station. Now I use it every day.

The tuner works again, plugged in to the rig via the control cable, but it is like the control cable is not hooked up. You can't use the tune button, of course. I really liked that.

Any advice would be appreciated The only other problem with rig is low output (75 watts) on 40 meters regardless of antenna used. I coukc live with that. I only run CW.

Thanks.

Joe N8TI

# 19522. Fixed tune button

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-25 14:26:59 UTC
From: w8joe@rocketmail.com
Topic: 19522  Message: 19522

I just went into the set up menu, changed a couple of the menu items, not the auto tune item, shut rig off and on again and the tube button works again!

You guys have great Karma.

Joe

# 19523. Re: [ic706] Fixed tune button

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-25 15:31:03 UTC
From: Wayne Bowyer
Topic: 19522  Message: 19523

Occasionally my 706G will go "stupid", not often but a few times in the last 9 or so years. Doing a complete reset seems to fix all ills.

73

Wayne
n4eyz

On Sat, Feb 25, 2012 at 9:26 AM, w8joe@...
<w8joe@rocketmail.com>wrote:

> **
>
>
> I just went into the set up menu, changed a couple of the menu items, not
> the auto tune item, shut rig off and on again and the tube button works
> again!
>
> You guys have great Karma.
>
> Joe
>
>
>

[Non-text portions of this message have been removed]

# 19524. RE: [ic706] Tune button stopped working

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-25 14:05:15 UTC
From: bruce.clements@sympatico.ca
Topic: 19520  Message: 19524

If you press the tune button does it give you a beep ?? if so it's not a mechanical issue..If it don't and it feels stiff take the head apart and clean up the cat stuff.. hair , dander , pee, etc.

bruce
ve3bv

To: ic706@yahoogroups.com
From: w8joe@...
Date: Sat, 25 Feb 2012 13:56:46 +0000
Subject: [ic706] Tune button stopped working

Hello everyone. Yesterday, when I turned on my IC706 (original model serial number 6xxx), the tune button was dead. I have a LDG tuner hooked up to it via the control connector cable and the tuner was not reading the radio. In fact, the tuner had frozen up and only started working after I unplugged it's power supply and unplugged its control cable from the radio.

The red light dies not come on on the tune button.

The tune button feels like it is not mechanically working. It feels like someone glued it in place. The button was getting hard to work.

Has anyone hasd this problem? I keep the radio in a closet, locked away from my cats (aka "Seal Team Six" as they destroy everything they gets their paws on), so I know nobody messed with the radio mechanically.

The tuner had power going to it, but not the radio when I shut it down as I unplugged the power supply.

How can I free the button mechanically? Spray something on it? Admittedly, it was getting hard to push. The preamp button is the same way. Been like that for years. I never used the radio much at all since I got it. Within the last ten years probably only five or six times until a month ago when I set it up in my new closet operating station. Now I use it every day.

The tuner works again, plugged in to the rig via the control cable, but it is like the control cable is not hooked up. You can't use the tune button, of course. I really liked that.

Any advice would be appreciated The only other problem with rig is low output (75 watts) on 40 meters regardless of antenna used. I coukc live with that. I only run CW.

Thanks.

Joe N8TI

[Non-text portions of this message have been removed]

# 19525. Re: Fixed tune button

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-26 16:19:44 UTC
From: n0sya
Topic: 19522  Message: 19525

Great you got the 706/tuner going again. The buttons on my 706 stick as well but so far have always been manhandled into submission. About once a month removing the face and reinstalling it, along with a shot of contact cleaner on the pins and contact surfaces, may help keep the 706 happy. The 40m low power issue may be a relay being spotty. The original 706 is infamous for bad relays after some period of years. If you intend on keeping the 706 you might consider replacing those relays. The prob is bad relays may just relay rf into places Icom never intended, such as 40m rf into the 20m bandpass and so on. Some thoughts for you,

Chris

# 19526. 706mkIIg parts unit available

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-26 08:34:19 UTC
From: on1cfx
Topic: 19526  Message: 19526

Hi,

my 706mkIIg developed the fault over the winter where tracks get eaten on the PLL board. When opening up, things were pretty messy, with gunk everywhere. This has shorted 13V on the 5V of the PLL board, after repair, 60MHz LO is fine, but the first LO is inop. Anyway, this is pretty much unrepairable imo, since this 5V goes on the main board too...
Everything in terms of control seems to function: the head displays fine, so I guess CPU running, relays clicking when changing bands etc, but off course, without LO, no RX/TX, and the only noise is on FM.
I am not going to invest in the PLL board to find some other problem on the main board so, if anybody needs parts make me a sensible
offer, so I can recoup a bit for a new radio.

RIP 706mkIIg, you did well.

73 de xtof on4iy

PS: I am in Europe with the radio but can send from US in a month.

# 19527. Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 19:13:45 UTC
From: kd8dvy@ymail.com
Topic: 9519  Message: 19527

GD All,

I have a first version 706 and tried to fix it several times then I just let it sit and it has sat now I would like to repair it but the only repair equipment that I have is a DVM and SWR/Power meter. I know that this is not enuff to fix this radio.

I was wondering if anyone is willing to repair this rig for me for a nominal price or the price of shipping both ways?

Thank you all,

Harold/KD8DVY

# 19528. Re: [ic706] Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 19:20:11 UTC
From: Jeffrey Schwartz
Topic: 9519  Message: 19528

Out of curiosity -
what's wrong with it?

On Mon, Feb 27, 2012 at 14:13, kd8dvy@... <lilhawk236@...> wrote:
> GD All,
>
> I have a first version 706 and tried to fix it several times then I just let it sit and it has sat now I would like to repair it but the only repair equipment that I have is a DVM and SWR/Power meter. I know that this is not enuff to fix this radio.
>
> I was wondering if anyone is willing to repair this rig for me for a nominal price or the price of shipping both ways?
>
> Thank you all,
>
> Harold/KD8DVY
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19529. Re: [ic706] Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 20:15:02 UTC
From: Alan Beagley
Topic: 9519  Message: 19529

On 02/27/12 02:13 pm, kd8dvy@... wrote:
> GD All,
>
> I have a first version 706 and tried to fix it several times then I just
> let it sit and it has sat now I would like to repair it but the only
> repair equipment that I have is a DVM and SWR/Power meter. I know that
> this is not enuff to fix this radio.
>
> I was wondering if anyone is willing to repair this rig for me for a
> nominal price or the price of shipping both ways?

If you can't get some kind person to fix it for less than the usual commercial rates, I'd recommend Icom Service Center Michigan (Matt Adrian), located in St. Joseph MI, who took care of my MKIIG a few years back. I am very satisfied. See my more comprehensive review on eham.net.

Icom Service Center - Michigan
(269) 429-2334
1792 Nash Drive
St. Joseph, Mi 49085

His Web site is http://www.sarts1.com

73

Alan NV8A

# 19530. Re: [ic706] Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 20:24:58 UTC
From: LARRY J. FORD
Topic: 9519  Message: 19530

I agree. Matt Adrian at SAR Technical Services is very good, very reasonable, and quick on the turn-around.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 27 Feb 2012 03:15:15 PM EST
From: Alan Beagley <ajbeagley@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Repair

> On 02/27/12 02:13 pm, kd8dvy@... wrote:
> > GD All,
> >
> > I have a first version 706 and tried to fix it several times then I just
> > let it sit and it has sat now I would like to repair it but the only
> > repair equipment that I have is a DVM and SWR/Power meter. I know that
> > this is not enuff to fix this radio.
> >
> > I was wondering if anyone is willing to repair this rig for me for a
> > nominal price or the price of shipping both ways?
>
> If you can't get some kind person to fix it for less than the usual
> commercial rates, I'd recommend Icom Service Center Michigan (Matt
> Adrian), located in St. Joseph MI, who took care of my MKIIG a few years
> back. I am very satisfied. See my more comprehensive review on eham.net.
>
> Icom Service Center - Michigan
> (269) 429-2334
> 1792 Nash Drive
> St. Joseph, Mi 49085
>
> His Web site is http://www.sarts1.com
>
> 73
>
> Alan NV8A
>

# 19531. Re: Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 20:38:29 UTC
From: Charles Shanks
Topic: 9519  Message: 19531

Concerning IC-706 repair..I had one repaired through ComTek up in Washington..Kuni is his name and he does have a website.  Reasonable rates and he's an ex-Icom tech..HRO here in Portland uses him for all their ICOM repairs.  73 Charlie K7OVM

[Non-text portions of this message have been removed]

# 19532. Re: [ic706] Re: Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 20:54:36 UTC
From: Jeff Moore
Topic: 9519  Message: 19532

What is his web-site??

Jeff -- KE7ACY
CN94

----- Original Message -----
From: Charles Shanks
To: ic706@yahoogroups.com
Sent: Monday, February 27, 2012 12:38 PM
Subject: [ic706] Re: Repair

Concerning IC-706 repair..I had one repaired through ComTek up in Washington..Kuni is his name and he does have a website. Reasonable rates and he's an ex-Icom tech..HRO here in Portland uses him for all their ICOM repairs. 73 Charlie K7OVM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19533. Re: [ic706] Re: Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-27 21:51:09 UTC
From: Adam TryGliding
Topic: 9519  Message: 19533

http://www.w7jv.com/

By the looks of it.

Adam
G1zhd

From: Jeff Moore
Sent: Monday, February 27, 2012 8:54 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: Repair

What is his web-site??

Jeff -- KE7ACY
CN94

----- Original Message -----
From: Charles Shanks
To: ic706@yahoogroups.com
Sent: Monday, February 27, 2012 12:38 PM
Subject: [ic706] Re: Repair

Concerning IC-706 repair..I had one repaired through ComTek up in Washington..Kuni is his name and he does have a website. Reasonable rates and he's an ex-Icom tech..HRO here in Portland uses him for all their ICOM repairs. 73 Charlie K7OVM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4835 - Release Date: 02/27/12

[Non-text portions of this message have been removed]

# 19534. Re: [ic706] Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-28 01:00:55 UTC
From: Facility 406 DM09
Topic: 9519  Message: 19534

My Marantz-Japan HT was repaired at SAR in the mid-90's, I was very happy with the work.

Kurt

----- Original Message -----
From: "LARRY J. FORD" <lford@...>

:I agree. Matt Adrian at SAR Technical Services is very good, very reasonable,
: and quick on the turn-around.

# 19535. Re: Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-28 04:22:04 UTC
From: kd8dvy@ymail.com
Topic: 9519  Message: 19535

The rig has low power out and the swr circuit/meter is not working. There is also a broken trace and wire right behind the control head in the main unit. I am not able to use the rig blaster no mic to TX psk/rtty or my other digital modes.

I got the rig second hand and liked it. However it has given me nothing but trouble.

Harold

--- In ic706@yahoogroups.com, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
> Out of curiosity -
> what's wrong with it?
>
> On Mon, Feb 27, 2012 at 14:13, kd8dvy@... <lilhawk236@...> wrote:
> > GD All,
> >
> > I have a first version 706 and tried to fix it several times then I just let it sit and it has sat now I would like to repair it but the only repair equipment that I have is a DVM and SWR/Power meter. I know that this is not enuff to fix this radio.
> >
> > I was wondering if anyone is willing to repair this rig for me for a nominal price or the price of shipping both ways?
> >
> > Thank you all,
> >
> > Harold/KD8DVY
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 19536. Re: [ic706] Re: Repair

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-28 09:38:43 UTC
From: Adam TryGliding
Topic: 9519  Message: 19536

Harold

I'm having power issues too. For example:

1. 144 Mhz FM max output = 5 watts (should be 10 watts).
2. 144 Mhz AM max output = 3.5 watts (should be 4 watts). This may be the K-PO SX-600 SWR inaccuracy.
3. 50 Mhz FM max output = 30 watts on half power (5 of 10).
4. Any more than half power (5 of 10) on 50 Mhz the internal fan slows down and the power starts going back down, until it start breaking up and completely drops out, resetting the radio.
5. 50 Mhz AM half (5 of 10) output = 8 watts and 20 watts max on full power.
6. 24.89 Mhz FM max output = 40 watts (should be 100 watts).
7. 24.89 Mhz AM max output = 10 watts (should be 40 watts).
8. 7.00 Mhz FM max output = 35 watts (should be 100 watts).
9. 7.00 Mhz AM max output = 20 watts (should be 40 watts).

I'm going to start making enquires to see if this is possibly a Q1 and D18 issue, of partially.

Adam
G1zhd

From: kd8dvy@...
Sent: Tuesday, February 28, 2012 4:22 AM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Repair

The rig has low power out and the swr circuit/meter is not working. There is also a broken trace and wire right behind the control head in the main unit. I am not able to use the rig blaster no mic to TX psk/rtty or my other digital modes.

I got the rig second hand and liked it. However it has given me nothing but trouble.

Harold

--- In ic706@yahoogroups.com, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
> Out of curiosity -
> what's wrong with it?
>
> On Mon, Feb 27, 2012 at 14:13, kd8dvy@... <lilhawk236@...> wrote:
> > GD All,
> >
> > I have a first version 706 and tried to fix it several times then I just let it sit and it has sat now I would like to repair it but the only repair equipment that I have is a DVM and SWR/Power meter. I know that this is not enuff to fix this radio.

> >
> > I was wondering if anyone is willing to repair this rig for me for a nominal price or the price of shipping both ways?
> >
> > Thank you all,
> >
> > Harold/KD8DVY
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4835 - Release Date: 02/27/12

[Non-text portions of this message have been removed]

# 19537. 706 Mark 1 - Mods

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-29 13:57:17 UTC
From: Adam TryGliding
Topic: 19537  Message: 19537

Guys

I came across this website today. Has anyone tried these mods and are they recommended? And, if these mods are detailed better anywhere else can you please let me know?

Many Thanks
Adam
G1ZHD

[Non-text portions of this message have been removed]

# 19538. Re: [ic706] 706 Mark 1 - Mods

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-29 14:19:51 UTC
From: Bill
Topic: 19537  Message: 19538

Hi Adam,
can you send me the link, it did not show in your mail.
I have a Mk 1 and might be interested in doing or at least having a look
at some of the mods.
Bill
G4KKI

On 29/02/2012 13:57, Adam TryGliding wrote:
>
> Guys
>
> I came across this website today. Has anyone tried these mods and are
> they recommended? And, if these mods are detailed better anywhere else
> can you please let me know?
>
> Many Thanks
> Adam
> G1ZHD
>
> [Non-text portions of this message have been removed]
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

# 19539. Re: [ic706] 706 Mark 1 - Mods

Yahoo group: ic706 (2010 — 2015)
Date: 2012-02-29 21:13:28 UTC
From: Adam TryGliding
Topic: 19537  Message: 19539

Sorry Bill, here you go.
http://www.zerobeat.net/g3ycc/706_1.htm

Cheers
Adam

From: Bill
Sent: Wednesday, February 29, 2012 2:19 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 Mark 1 - Mods

Hi Adam,
can you send me the link, it did not show in your mail.
I have a Mk 1 and might be interested in doing or at least having a look
at some of the mods.
Bill
G4KKI

On 29/02/2012 13:57, Adam TryGliding wrote:
>
> Guys
>
> I came across this website today. Has anyone tried these mods and are
> they recommended? And, if these mods are detailed better anywhere else
> can you please let me know?
>
> Many Thanks
> Adam
> G1ZHD
>
> [Non-text portions of this message have been removed]
>
>

--
73's de Bill G4KKI GQRP,NAQCC,SKCC,RSARS,FISTS.

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4842 - Release Date: 02/29/12

[Non-text portions of this message have been removed]

# 19540. Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-08 15:07:55 UTC
From: Hooman
Topic: 19540  Message: 19540

Hi there!

I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.

Thank you in advance

Sincerely

Hooman

# 19541. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-08 16:36:58 UTC
From: Larry J. Ford
Topic: 19540  Message: 19541

If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.

The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then the soundcard plugs into the Signalink.

http://www.tigertronics.com

Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.

http://sites.google.com/site/kh6tyinterface

Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Hooman
To: ic706@yahoogroups.com
Sent: Thursday, March 08, 2012 10:07 AM
Subject: [ic706] Connecting IC706 to Microphone input of PC

Hi there!

I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.

Thank you in advance

Sincerely

Hooman

[Non-text portions of this message have been removed]

# 19542. Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-08 21:32:43 UTC
From: Dave
Topic: 19540  Message: 19542

Hooman,
If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.

However, if you are going to transmit, then yeah, Larry is correct.

Dave KB9MNM

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
>
> The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then the soundcard plugs into the Signalink.
>
> http://www.tigertronics.com
>
> Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
>
> http://sites.google.com/site/kh6tyinterface
>
> Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)
>
> Larry J. Ford
> KG4GPJ
>
>
>
>
> ----- Original Message -----
> From: Hooman
> To: ic706@yahoogroups.com
> Sent: Thursday, March 08, 2012 10:07 AM
> Subject: [ic706] Connecting IC706 to Microphone input of PC
>
>
>
> Hi there!
>

> I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
>
> Thank you in advance
>
> Sincerely
>
> Hooman
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19543. Re: [ic706] Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-09 14:59:37 UTC
From: Larry J. Ford
Topic: 19540  Message: 19543

Dave,

Thanks for posting that "clarification." After I posted my response, I did wonder if he meant "receive only" for audio, like the PSK-31 tones, and meant to re-post but got too busy.

But he did mention something about "telemetry data" as well, so if it's reception of data signals in a mode other than audio tones, then some interface is likely still required?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Thursday, March 08, 2012 4:32 PM
Subject: [ic706] Re: Connecting IC706 to Microphone input of PC

Hooman,
If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.

However, if you are going to transmit, then yeah, Larry is correct.

Dave KB9MNM

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
>
> The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then the soundcard plugs into the Signalink.
>
> http://www.tigertronics.com
>
> Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
>
> http://sites.google.com/site/kh6tyinterface
>
> Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)

>
> Larry J. Ford
> KG4GPJ
>
>
>
>
> ----- Original Message -----
> From: Hooman
> To: ic706@yahoogroups.com
> Sent: Thursday, March 08, 2012 10:07 AM
> Subject: [ic706] Connecting IC706 to Microphone input of PC
>
>
>
> Hi there!
>
> I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
>
> Thank you in advance
>
> Sincerely
>
> Hooman
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19544. Re: [ic706] Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-09 10:36:13 UTC
From: hooman jazeby
Topic: 19540  Message: 19544

Hello everybody,

Thank you so much for your help.

I just want to monitoring the telemetry and I don't want to transmit anything.

So as Dave wrote, I will connect the speaker output of the IC-706 radio to my PC line-in input. and I Will tell you the result.

If I am wrong, please tell me(before doing the experience )

yours most sincerely
Hooman Jazebizadeh

---
From: Dave <kb9mnm@...>
To: ic706@yahoogroups.com
Sent: Friday, 9 March 2012, 5:32
Subject: [ic706] Re: Connecting IC706 to Microphone input of PC

Hooman,
If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.

However, if you are going to transmit, then yeah, Larry is correct.

Dave KB9MNM

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
>
> The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706.  Then the soundcard plugs into the Signalink.
>
> http://www.tigertronics.com
>
> Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
>
> http://sites.google.com/site/kh6tyinterface
>
> Either approach will isolate the soundcard input from the rig output so as to avoid, as

you put it,  "breaking sound card."  (Actually, I might be more worried about breaking the rig!)
>
> Larry J. Ford
> KG4GPJ
>
>
>
>
>  ----- Original Message -----
>  From: Hooman
>  To: ic706@yahoogroups.com
>  Sent: Thursday, March 08, 2012 10:07 AM
>  Subject: [ic706] Connecting IC706 to Microphone input of PC
>
>
>
>  Hi there!
>
>  I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
>
>  Thank you in advance
>
>  Sincerely
>
>  Hooman
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19545. Re: [ic706] Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-09 15:22:06 UTC
From: hooman jazeby
Topic: 19540  Message: 19545

Dear Friends,

I am sorry if I use some words that is not clear. since I am new in this field. I do my best this time:
I just wanna connect "HEADPHONE JACK [PHONES]" or "EXTERNAL SPEAKER JACK [EXT SP]" of the RADIO to Microphonne or "line-in" input of sound card. and use some software like this:
http://www.delfic3.nl/index.php?option=com_content&task=view&id=94&Itemid=123

Many Thanks

sincerely
Hooman

---
From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Sent: Friday, 9 March 2012, 22:59
Subject: Re: [ic706] Re: Connecting IC706 to Microphone input of PC

Dave,

Thanks for posting that "clarification."  After I posted my response, I did wonder if he meant "receive only" for audio, like the PSK-31 tones, and meant to re-post but got too busy.

But he did mention something about "telemetry data" as well, so if it's reception of data signals in a mode other than audio tones, then some interface is likely still required?

Larry J. Ford
KG4GPJ

> ----- Original Message -----
> From: Dave
> To: ic706@yahoogroups.com
> Sent: Thursday, March 08, 2012 4:32 PM
> Subject: [ic706] Re: Connecting IC706 to Microphone input of PC
>
> Hooman,
> If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.
>
> However, if you are going to transmit, then yeah, Larry is correct.
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
> >

> If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
>
> The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then the soundcard plugs into the Signalink.
>
> http://www.tigertronics.com
>
> Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
>
> http://sites.google.com/site/kh6tyinterface
>
> Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)
>
> Larry J. Ford
> KG4GPJ
>
>
>
>
> ----- Original Message -----
> From: Hooman
> To: ic706@yahoogroups.com
> Sent: Thursday, March 08, 2012 10:07 AM
> Subject: [ic706] Connecting IC706 to Microphone input of PC
>
>
>
> Hi there!
>
> I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
>
> Thank you in advance
>
> Sincerely
>
> Hooman
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19546. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-09 19:04:03 UTC
From: Facility 406 DM09
Topic: 19540  Message: 19546

"However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card."

I have connected my 706 to many computers since the mid-90's with a simple 1/8" audio cable without problems other than a ground-loop using one model of laptop, this was remedied by flipping the power cord over.

After you have everything connected, turn up the volume until you get the desired results, on my radio, about 1/4 the range of volume.

For transmit, I connect the soundcard output to the 706 microphone connection and use VOX. and increase the volume output of my computer until I get the desured results. I also do this with my Kenwood 570D. No special interface, no problems ever.

Kurt

# 19547. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-09 19:49:28 UTC
From: John
Topic: 19540  Message: 19547

I have done the same thing with my Icom 706 original. Used a RJ45 cable I had laying around, as well as a patch cable with 1/8" jacks on each end. Spliced the two cables together and was on RTTY-no extra cost to me. It has worked fine so far, giving me a few new RTTY countries since I did this at the beginning of January.

John AF5CC

On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
facility_406@...> wrote:

> **
>
>
> "However, I am not sure how I can safely connect the Radio to Microphone
> socket with "jack to jack cable". It would be appreciate if you help me to
> understand how I have to connect without breaking sound card."
>
> I have connected my 706 to many computers since the mid-90's with a simple
> 1/8" audio cable without problems other than a ground-loop using one model
> of laptop, this was remedied by flipping the power cord over.
>
> After you have everything connected, turn up the volume until you get the
> desired results, on my radio, about 1/4 the range of volume.
>
> For transmit, I connect the soundcard output to the 706 microphone
> connection and use VOX. and increase the volume output of my computer
> until
> I get the desured results. I also do this with my Kenwood 570D. No special
> interface, no problems ever.
>
> Kurt
>
>
>

[Non-text portions of this message have been removed]

# 19548. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 05:03:32 UTC
From: LARRY J. FORD
Topic: 19540  Message: 19548

It might be helpful to the original poster if you shared the pin assignments
or a more elaborate "how-to" guide of what you mention below.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 09 Mar 2012 11:48:07 PM EST
From: John <af5cc@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Connecting IC706 to Microphone input of PC

> I have done the same thing with my Icom 706 original. Used a RJ45 cable I
> had laying around, as well as a patch cable with 1/8" jacks on each end.
> Spliced the two cables together and was on RTTY-no extra cost to me. It
> has worked fine so far, giving me a few new RTTY countries since I did this
> at the beginning of January.
>
> John AF5CC
>
> On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
> facility_406@...> wrote:
>
> > **
> >
> >
> > "However, I am not sure how I can safely connect the Radio to Microphone
> > socket with "jack to jack cable". It would be appreciate if you help me
to
> > understand how I have to connect without breaking sound card."
> >
> > I have connected my 706 to many computers since the mid-90's with a
simple
> > 1/8" audio cable without problems other than a ground-loop using one
model
> > of laptop, this was remedied by flipping the power cord over.
> >
> > After you have everything connected, turn up the volume until you get the
> > desired results, on my radio, about 1/4 the range of volume.
> >
> > For transmit, I connect the soundcard output to the 706 microphone
> > connection and use VOX. and increase the volume output of my computer
> > until
> > I get the desured results. I also do this with my Kenwood 570D. No
special
> > interface, no problems ever.

> >
> > Kurt
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 19549. Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 05:52:57 UTC
From: Dave
Topic: 19540  Message: 19549

No, Hooman, u are fine, I know what you mean, and yes, you can run just a cable from either headphones or speaker from the radio to the aux or mic in on the computer. You will need to adjust your soundcard settings to make sure the software is getting the information to decode it.

You can also do that ot decode CW, Morse Code or even weather satellites, as well as many other digital modes. Its a good way to play around and see what each one is, but keep in mind there are a TON of modes out there, so ask around ut PSK31 and JT65 are 2 that are really popular.

Have fun!

Dave KB9MNM

--- In ic706@yahoogroups.com, hooman jazeby <hooman_jazeby@...> wrote:
>
> Dear Friends,
>
> I am sorry if I use some words that is not clear. since I am new in this field. I do my best this time:
> I just wanna connect "HEADPHONE JACK [PHONES]" or "EXTERNAL SPEAKER JACK [EXT SP]" of the RADIO to Microphonne or "line-in" input of sound card. and use some software like this:
> http://www.delfic3.nl/index.php?option=com_content&task=view&id=94&Itemid=123
>
>
> Many Thanks
>
> sincerely
> Hooman
>
>
>
>
> _____
> From: Larry J. Ford <lford@...>
> To: ic706@yahoogroups.com
> Sent: Friday, 9 March 2012, 22:59
> Subject: Re: [ic706] Re: Connecting IC706 to Microphone input of PC
>
> Dave,
>
> Thanks for posting that "clarification."  After I posted my response, I did wonder if he meant "receive only" for audio, like the PSK-31 tones, and meant to re-post but got too busy.
>
> But he did mention something about "telemetry data" as well, so if it's reception of data

signals in a mode other than audio tones, then some interface is likely still required?
>
> Larry J. Ford
> KG4GPJ
>
>   ----- Original Message -----
>   From: Dave
>   To: ic706@yahoogroups.com
>   Sent: Thursday, March 08, 2012 4:32 PM
>   Subject: [ic706] Re: Connecting IC706 to Microphone input of PC
>
>
>
>   Hooman,
>   If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.
>
>   However, if you are going to transmit, then yeah, Larry is correct.
>
>   Dave KB9MNM
>
>   --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
>   >
>   > If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
>   >
>   > The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then the soundcard plugs into the Signalink.
>   >
>   > http://www.tigertronics.com
>   >
>   > Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
>   >
>   > http://sites.google.com/site/kh6tyinterface
>   >
>   > Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)
>   >
>   > Larry J. Ford
>   > KG4GPJ
>   >
>   >
>   >
>   >
>   > ----- Original Message -----
>   > From: Hooman

>   > To: ic706@yahoogroups.com
>   > Sent: Thursday, March 08, 2012 10:07 AM
>   > Subject: [ic706] Connecting IC706 to Microphone input of PC
>   >
>   >
>   >
>   > Hi there!
>   >
>   > I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
>   >
>   > Thank you in advance
>   >
>   > Sincerely
>   >
>   > Hooman
>   >
>   >
>   >
>   >
>   >
>   > [Non-text portions of this message have been removed]
>   >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>

# 19550. Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 05:56:18 UTC
From: Dave
Topic: 19540  Message: 19550

Hi Larry,
Yes, more than likely. Telemetry as in satellite data? I havent done any of that so im not very helpful there.

Dave KB9MNM

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> Dave,
>
> Thanks for posting that "clarification." After I posted my response, I did wonder if he meant "receive only" for audio, like the PSK-31 tones, and meant to re-post but got too busy.
>
> But he did mention something about "telemetry data" as well, so if it's reception of data signals in a mode other than audio tones, then some interface is likely still required?
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Dave
> To: ic706@yahoogroups.com
> Sent: Thursday, March 08, 2012 4:32 PM
> Subject: [ic706] Re: Connecting IC706 to Microphone input of PC
>
>
>
> Hooman,
> If you're just monitoring, you can run the speaker out from the radio to the mic or aux in on the pc. Auxillary would be better, but if you dont plan on transmitting, that is a quick way.
>
> However, if you are going to transmit, then yeah, Larry is correct.
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > If you're attempting to connect the 706 to a computer soundcard, you need one of those "soundcard interfaces" that are used to interface with a 706 for use with PSK-31 or other amateur radio soundcard mode programs.
> >
> > The Signalink device is a very popular, wide-used commercially-available device for such purpose, and you can buy (or make) a cable to connect the Signalink to the 706. Then

the soundcard plugs into the Signalink.
> >
> > http://www.tigertronics.com
> >
> > Or, if desiring a cheaper, "DIY" approach, you could build one of the many kits available for such purposes.
> >
> > http://sites.google.com/site/kh6tyinterface
> >
> > Either approach will isolate the soundcard input from the rig output so as to avoid, as you put it, "breaking sound card." (Actually, I might be more worried about breaking the rig!)
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> >
> > ----- Original Message -----
> > From: Hooman
> > To: ic706@yahoogroups.com
> > Sent: Thursday, March 08, 2012 10:07 AM
> > Subject: [ic706] Connecting IC706 to Microphone input of PC
> >
> >
> >
> > Hi there!
> >
> > I am student and Have a project that I have to connect IC706 MKIIG to Computer for decoding some satellite dowlink audio and show telemetry data. However, I am not sure how I can safely connect the Radio to Microphone socket with "jack to jack cable". It would be appreciate if you help me to understand how I have to connect without breaking sound card.
> >
> > Thank you in advance
> >
> > Sincerely
> >
> > Hooman
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>

> [Non-text portions of this message have been removed]
>

# 19551. Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 06:06:43 UTC
From: Dave
Topic: 19540  Message: 19551

Sorry Larry, catching up on e-mails tonight...

I used CAT5 cable with the connector, looked at the schematic of the back connector, figured out which was the VOX "pin", gound and MIC in pins, and what wires of the cable were in those slots, then used the pairings of the wires to run them to the pc. Made a seperate speaker cable out of a pair of wires I didnt use and it's been working great since.

I dont have the schematic in front of me, but it's very simple to read. The manual is easy to find online and download too, I know that much. Anyone who has any type of "circuit design" knowledge can do this in about 20 minutes. And very very low cost. Im cheap like that! :-)

Any more questions please let me know! QRZd me for direct e-mail(if its not listed here)if youd like to take this off the group??

Dave KB9MNM

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> It might be helpful to the original poster if you shared the pin assignments
> or a more elaborate "how-to" guide of what you mention below.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Fri, 09 Mar 2012 11:48:07 PM EST
> From: John <af5cc@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Connecting IC706 to Microphone input of PC
>
> > I have done the same thing with my Icom 706 original. Used a RJ45 cable I
> > had laying around, as well as a patch cable with 1/8" jacks on each end.
> > Spliced the two cables together and was on RTTY-no extra cost to me. It
> > has worked fine so far, giving me a few new RTTY countries since I did this
> > at the beginning of January.
> >
> > John AF5CC
> >
> > On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
> > facility_406@...> wrote:
> >

> > > **
> > >
> > >
> > > "However, I am not sure how I can safely connect the Radio to Microphone
> > > socket with "jack to jack cable". It would be appreciate if you help me
> to
> > > understand how I have to connect without breaking sound card."
> > >
> > > I have connected my 706 to many computers since the mid-90's with a
> simple
> > > 1/8" audio cable without problems other than a ground-loop using one
> model
> > > of laptop, this was remedied by flipping the power cord over.
> > >
> > > After you have everything connected, turn up the volume until you get the
> > > desired results, on my radio, about 1/4 the range of volume.
> > >
> > > For transmit, I connect the soundcard output to the 706 microphone
> > > connection and use VOX. and increase the volume output of my computer
> > > until
> > > I get the desured results. I also do this with my Kenwood 570D. No
> special
> > > interface, no problems ever.
> > >
> > > Kurt
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

# 19552. Re: [ic706] Re: Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 13:49:03 UTC
From: LARRY J. FORD
Topic: 19540  Message: 19552

It's not for me, it's potentially for the original poster, Hooman. I have manuals with pin assignments for the mic jack and ACC jack for both my IC-706s, but don't know what manuals the original posters may have.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 10 Mar 2012 01:07:06 AM EST
From: "Dave" <kb9mnm@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Connecting IC706 to Microphone input of PC

> Sorry Larry, catching up on e-mails tonight...
>
> I used CAT5 cable with the connector, looked at the schematic of the back connector, figured out which was the VOX "pin", gound and MIC in pins, and what wires of the cable were in those slots, then used the pairings of the wires to run them to the pc. Made a seperate speaker cable out of a pair of wires I didnt use and it's been working great since.
>
> I dont have the schematic in front of me, but it's very simple to read. The manual is easy to find online and download too, I know that much. Anyone who has any type of "circuit design" knowledge can do this in about 20 minutes. And very very low cost. Im cheap like that! :-)
>
> Any more questions please let me know! QRZd me for direct e-mail(if its not listed here)if youd like to take this off the group??
>
> Dave KB9MNM
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > It might be helpful to the original poster if you shared the pin assignments
> > or a more elaborate "how-to" guide of what you mention below.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ------ Original Message ------
> > Received: Fri, 09 Mar 2012 11:48:07 PM EST
> > From: John <af5cc@...>

> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] Connecting IC706 to Microphone input of PC
> >
> > > I have done the same thing with my Icom 706 original. Used a RJ45 cable
I
> > > had laying around, as well as a patch cable with 1/8" jacks on each
end.
> > > Spliced the two cables together and was on RTTY-no extra cost to me.
It
> > > has worked fine so far, giving me a few new RTTY countries since I did
this
> > > at the beginning of January.
> > >
> > > John AF5CC
> > >
> > > On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
> > > facility_406@...> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > "However, I am not sure how I can safely connect the Radio to
Microphone
> > > > socket with "jack to jack cable". It would be appreciate if you help
me
> > to
> > > > understand how I have to connect without breaking sound card."
> > > >
> > > > I have connected my 706 to many computers since the mid-90's with a
> > simple
> > > > 1/8" audio cable without problems other than a ground-loop using one
> > model
> > > > of laptop, this was remedied by flipping the power cord over.
> > > >
> > > > After you have everything connected, turn up the volume until you get
the
> > > > desired results, on my radio, about 1/4 the range of volume.
> > > >
> > > > For transmit, I connect the soundcard output to the 706 microphone
> > > > connection and use VOX. and increase the volume output of my computer
> > > > until
> > > > I get the desured results. I also do this with my Kenwood 570D. No
> > special
> > > > interface, no problems ever.
> > > >
> > > > Kurt
> > > >
> > > >
> > > >
> > > >
> > >

> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
>
>
>

# 19553. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 15:35:36 UTC
From: John G.
Topic: 19540  Message: 19553

Yes that would be helpful. I should have included it earlier. The nice thing about the 706 (as opposed to most other rigs) is that you can get the receive audio off of the mic jack also, so you don't have to tie up the speaker or headphones jack.This allows for a single cable between the rig and soundcard.

On the RJ45 mic jack, Pin 3 is AF out, and Pin 7 is ground. These 2 go to the MIC jack on the soundcard. Pin 6 is Mic input, and Pin 5 is Mic ground, these 2 go to the headphones jack on the soundcard. The AF out level is controlled by the volume knob on the rig, and is not a fixed level like on the ACC jack on the back of the rig.

73 John AF5CC

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Saturday, March 10, 2012 5:03 AM
Subject: Re: [ic706] Connecting IC706 to Microphone input of PC

It might be helpful to the original poster if you shared the pin assignments
or a more elaborate "how-to" guide of what you mention below.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 09 Mar 2012 11:48:07 PM EST
From: John <af5cc@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Connecting IC706 to Microphone input of PC

> I have done the same thing with my Icom 706 original. Used a RJ45 cable I
> had laying around, as well as a patch cable with 1/8" jacks on each end.
> Spliced the two cables together and was on RTTY-no extra cost to me. It
> has worked fine so far, giving me a few new RTTY countries since I did this
> at the beginning of January.
>
> John AF5CC
>
> On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
> facility_406@...> wrote:
>
> > **
> >
> >
> > "However, I am not sure how I can safely connect the Radio to Microphone
> > socket with "jack to jack cable". It would be appreciate if you help me
to

> > understand how I have to connect without breaking sound card."
> >
> > I have connected my 706 to many computers since the mid-90's with a
simple
> > 1/8" audio cable without problems other than a ground-loop using one
model
> > of laptop, this was remedied by flipping the power cord over.
> >
> > After you have everything connected, turn up the volume until you get the
> > desired results, on my radio, about 1/4 the range of volume.
> >
> > For transmit, I connect the soundcard output to the 706 microphone
> > connection and use VOX. and increase the volume output of my computer
> > until
> > I get the desured results. I also do this with my Kenwood 570D. No
special
> > interface, no problems ever.
> >
> > Kurt
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19554. IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 19:54:51 UTC
From: Harry
Topic: 19554  Message: 19554

I've just opened up the TX freq. range by removing the middle diode from the designated row of 11 positions on the PCB. I can now happily TX on the upper part of the 40m band, which was the object of the mod. However, a down side was losing all my stored memories and the rig reverting to its intial configuration mode. Having reset all options to my satisfaction, I am now unable to TX FM on VHF/UHF frequencies, although SSB seems OK. When I key FM, there is an initial spike of power which then immediately collapses. The ALC also exhibits the same behaviour. Tests have been conducted using a dummy load. I'm not sure whether this loss of FM is related to my mod, or is coincidental, as I can't remember when I last used the VHF/UHF bands. Reception is OK on all bands. Does anyone have any suggestions as to what the problem might be?

# 19555. Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-10 22:03:49 UTC
From: Harry
Topic: 19554  Message: 19555

--- In ic706@yahoogroups.com, "Harry" <g7knk@...> wrote:
>
> I've just opened up the TX freq. range by removing the middle diode from the designated row of 11 positions on the PCB. I can now happily TX on the upper part of the 40m band, which was the object of the mod. However, a down side was losing all my stored memories and the rig reverting to its intial configuration mode. Having reset all options to my satisfaction, I am now unable to TX FM on VHF/UHF frequencies, although SSB seems OK. When I key FM, there is an initial spike of power which then immediately collapses. The ALC also exhibits the same behaviour. Tests have been conducted using a dummy load. I'm not sure whether this loss of FM is related to my mod, or is coincidental, as I can't remember when I last used the VHF/UHF bands. Reception is OK on all bands. Does anyone have any suggestions as to what the problem might be?
>
Mystery solved! I was using low power settings (as a precaution) for testing. As I increased the power, all was back to normal. It does seem though that the lower power settings produce different results on SSB and FM.

# 19556. Re: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-11 00:45:36 UTC
From: Ralph Mowery
Topic: 19554  Message: 19556

The Icom 706 will put out a spike of full power each time it goes to transmitt.  The ALC will take over and then cut it back to where it is set.  You may not see this in ssb as there is not usually any sound going into the microphone to start with.

--- On Sat, 3/10/12, Harry <g7knk@...> wrote:

From: Harry <g7knk@...>
Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
To: ic706@yahoogroups.com
Date: Saturday, March 10, 2012, 5:03 PM

--- In ic706@yahoogroups.com, "Harry" <g7knk@...> wrote:
>
> I've just opened up the TX freq. range by removing the middle diode from the designated row of 11 positions on the PCB.  I can now happily TX on the upper part of the 40m band, which was the object of the mod.  However, a down side was losing all my stored memories and the rig reverting to its intial configuration mode.  Having reset all options to my satisfaction, I am now unable to TX FM on VHF/UHF frequencies, although SSB seems OK.  When I key FM, there is an initial spike of power which then immediately collapses.  The ALC also exhibits the same behaviour.  Tests have been conducted using a dummy load.  I'm not sure whether this loss of FM is related to my mod, or is coincidental, as I can't remember when I last used the VHF/UHF bands.  Reception is OK on all bands.  Does anyone have any suggestions as to what the problem might be?
>
Mystery solved!  I was using low power settings (as a precaution) for testing.  As I increased the power, all was back to normal.  It does seem though that the lower power settings produce different results on SSB and FM.

[Non-text portions of this message have been removed]

# 19557. Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-11 18:30:35 UTC
From: Harry
Topic: 19554  Message: 19557

Thanks Ralph - I had already suspected that may be the cause of the spikes. However, it does appear that I still have a problem. TX on VHF/UHF is now intermittant (more off than on) on FM only, regardless of power setting. All other modes, including AM, work fine, so whatever is controlling FM mode (the modulator, maybe?)is erratic in operation.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> The Icom 706 will put out a spike of full power each time it goes to transmitt.  The ALC will take over and then cut it back to where it is set.  You may not see this in ssb as there is not usually any sound going into the microphone to start with.
>
>
> --- On Sat, 3/10/12, Harry <g7knk@...> wrote:
>
>
> From: Harry <g7knk@...>
> Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
> To: ic706@yahoogroups.com
> Date: Saturday, March 10, 2012, 5:03 PM
>
>
>
>
>
>
>
> --- In ic706@yahoogroups.com, "Harry" <g7knk@> wrote:
> >
> > I've just opened up the TX freq. range by removing the middle diode from the designated row of 11 positions on the PCB.  I can now happily TX on the upper part of the 40m band, which was the object of the mod.  However, a down side was losing all my stored memories and the rig reverting to its intial configuration mode.  Having reset all options to my satisfaction, I am now unable to TX FM on VHF/UHF frequencies, although SSB seems OK.  When I key FM, there is an initial spike of power which then immediately collapses.  The ALC also exhibits the same behaviour.  Tests have been conducted using a dummy load.  I'm not sure whether this loss of FM is related to my mod, or is coincidental, as I can't remember when I last used the VHF/UHF bands.  Reception is OK on all bands.  Does anyone have any suggestions as to what the problem might be?
> >
> Mystery solved!  I was using low power settings (as a precaution) for testing.  As I increased the power, all was back to normal.  It does seem though that the lower power settings produce different results on SSB and FM.
>
>
>
>

> [Non-text portions of this message have been removed]
>

# 19558. Re: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-11 19:47:58 UTC
From: Ralph Mowery
Topic: 19554  Message: 19558

There are some adjustments for FM.  I can not copy and past them to email but they are in the service manual that you can download.

Mainly you tune to 29.100 mhz, set the mode to FM and key the transmitter.  Then on the main board, connect a meter to check point CP1011, adjust C1022 for a value of 1.8 volts. That is on page 4-4 of the manual.  The adjustment point is about the middle of the top of the Icom 706 and about 1/4 the way to the back..

For the manual.  Be sure to get the one for the modle you have.

http://www.cqham.ru/sch_eng.html

--- On Sun, 3/11/12, Harry <g7knk@...> wrote:

From: Harry <g7knk@...>
Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
To: ic706@yahoogroups.com
Date: Sunday, March 11, 2012, 2:30 PM

Thanks Ralph - I had already suspected that may be the cause of the spikes.  However, it does appear that I still have a problem.  TX on VHF/UHF is now intermittant (more off than on) on FM only, regardless of power setting.  All other modes, including AM, work fine, so whatever is controlling FM mode (the modulator, maybe?)is erratic in operation.

[Non-text portions of this message have been removed]

# 19559. Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-11 20:49:07 UTC
From: Harry
Topic: 19554  Message: 19559

Many thanks for the helpful suggestions, Ralph. I will try and download a copy of the manual, as suggested. I bought the rig new, nearly 10 yrs ago and have never had any problems until performing the simple TX expand mod. I can't see that this mod has caused the problem, but who knows?

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> There are some adjustments for FM.  I can not copy and past them to email but they are in the service manual that you can download.
>
> Mainly you tune to 29.100 mhz, set the mode to FM and key the transmitter.  Then on the main board, connect a meter to check point CP1011, adjust C1022 for a value of 1.8 volts.
> That is on page 4-4 of the manual.  The adjustment point is about the middle of the top of the Icom 706 and about 1/4 the way to the back..
>
> For the manual.  Be sure to get the one for the modle you have.
>
> http://www.cqham.ru/sch_eng.html
>
>
>
> --- On Sun, 3/11/12, Harry <g7knk@...> wrote:
>
>
> From: Harry <g7knk@...>
> Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
> To: ic706@yahoogroups.com
> Date: Sunday, March 11, 2012, 2:30 PM
>
>
>
>
>
> Thanks Ralph - I had already suspected that may be the cause of the spikes.  However, it does appear that I still have a problem.  TX on VHF/UHF is now intermittant (more off than on) on FM only, regardless of power setting.  All other modes, including AM, work fine, so whatever is controlling FM mode (the modulator, maybe?)is erratic in operation.
>
>
>
> [Non-text portions of this message have been removed]
>

# 19560. New member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-11 21:04:42 UTC
From: woodworker414
Topic: 19560  Message: 19560

Hi all, I am a new member here, stumble across this list on a search for 706 stuff, thought I would get a lot of good info here. I am a fairly new ham, 2 yrs last month, have upgraded to general, and am thinking about trying for my extra. I am a retired carpenter, with poor vision, am having a great time in the hobby, have made some really good friends because of the hobby, who have helped my out a lot with problems. They have become a second set of eyes for me. I just recieved the IC 17, I want to use Ham Radio Deluxe with the new to me IC 706MKii that I have. Being able to make the stuff larger on the computer screen is a benefit to me, plus it will tell me what frequency I am on another benefit to me. Waiting for the cable to hook up the CT17 to my computer so I can get started and learn more about the 706 and its features. You all take care.
Bill
73
WØWJU

# 19561. Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 12:37:30 UTC
From: Harry
Topic: 19554  Message: 19561

Managed to download a copy of the manual - brilliant document!
Followed the instructions for adjusting the FM VCO and it now looks as if I'm back in business! Before adjusting for 1.8V, I measured 2.5V, so obviously way out - perhaps not too surprising after 10 yrs of use. I don't think my TX expand mod had anything to do with this problem. A minor difficulty with the adjustment: I found C1022 extremely sensitive, with very small movements causing quite large voltage swings. Not sure whether this is normal or indicative of some underlying problem.

Thanks again Ralph for your excellent diagnosis and advice.

--- In ic706@yahoogroups.com, "Harry" <g7knk@...> wrote:
>
>
>
> Many thanks for the helpful suggestions, Ralph. I will try and download a copy of the manual, as suggested. I bought the rig new, nearly 10 yrs ago and have never had any problems until performing the simple TX expand mod. I can't see that this mod has caused the problem, but who knows?
>
> --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> >
> > There are some adjustments for FM.  I can not copy and past them to email but they are in the service manual that you can download.
> >
> > Mainly you tune to 29.100 mhz, set the mode to FM and key the transmitter.  Then on the main board, connect a meter to check point CP1011, adjust C1022 for a value of 1.8 volts.
> > That is on page 4-4 of the manual.  The adjustment point is about the middle of the top of the Icom 706 and about 1/4 the way to the back..
> >
> > For the manual.  Be sure to get the one for the modle you have.
> >
> > http://www.cqham.ru/sch_eng.html
> >
> >
> >
> > --- On Sun, 3/11/12, Harry <g7knk@> wrote:
> >
> >
> > From: Harry <g7knk@>
> > Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
> > To: ic706@yahoogroups.com
> > Date: Sunday, March 11, 2012, 2:30 PM
> >
> >
> >

> >
> > Thanks Ralph - I had already suspected that may be the cause of the spikes.  However, it does appear that I still have a problem.  TX on VHF/UHF is now intermittant (more off than on) on FM only, regardless of power setting.  All other modes, including AM, work fine, so whatever is controlling FM mode (the modulator, maybe?)is erratic in operation.
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19562. Re: New member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 12:59:11 UTC
From: Harry
Topic: 19560  Message: 19562

Welcome to the group, Bill. You have found the right place for helpul advice on your IC706, as my recent dialogue with Ralph, KU4PT, will confirm. I'm sure you will enjoy your 706, as I have and find it to be an extemely versatile and reliable rig. However, should you have any questions, this is the right place to raise them. Enjoy the hobby!
Harry

--- In ic706@yahoogroups.com, "woodworker414" <woodworker414@...> wrote:
>
> Hi all, I am a new member here, stumble across this list on a search for 706 stuff, thought I would get a lot of good info here. I am a fairly new ham, 2 yrs last month, have upgraded to general, and am thinking about trying for my extra. I am a retired carpenter, with poor vision, am having a great time in the hobby, have made some really good friends because of the hobby, who have helped my out a lot with problems. They have become a second set of eyes for me. I just recieved the IC 17, I want to use Ham Radio Deluxe with the new to me IC 706MKii that I have. Being able to make the stuff larger on the computer screen is a benefit to me, plus it will tell me what frequency I am on another benefit to me. Waiting for the cable to hook up the CT17 to my computer so I can get started and learn more about the 706 and its features. You all take care.
> Bill
> 73
> WØWJU
>

# 19563. Re: [ic706] Connecting IC706 to Microphone input of PC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 12:59:14 UTC
From: Jeffrey Schwartz
Topic: 19540  Message: 19563

A nice link for CAT5 / RJ-45 and the 706:

http://mysite.verizon.net/cpthaines/id67.html

Nice chart of the pin outs, with pictures and the color-codes for CAT5
Cable, so those of us with horrible eyes don't even have to count the
pins...

On Sat, Mar 10, 2012 at 10:35, John G. <af5cc@...> wrote:
> Yes that would be helpful. I should have included it earlier. The nice thing about the 706 (as opposed to most other rigs) is that you can get the receive audio off of the mic jack also, so you don't have to tie up the speaker or headphones jack.This allows for a single cable between the rig and soundcard.
>
> On the RJ45 mic jack, Pin 3 is AF out, and Pin 7 is ground.  These 2 go to the MIC jack on the soundcard.  Pin 6 is Mic input, and Pin 5 is Mic ground, these 2 go to the headphones jack on the soundcard.  The AF out level is controlled by the volume knob on the rig, and is not a fixed level like on the ACC jack on the back of the rig.
>
> 73 John AF5CC
>
>  ----- Original Message -----
>  From: LARRY J. FORD
>  To: ic706@yahoogroups.com
>  Sent: Saturday, March 10, 2012 5:03 AM
>  Subject: Re: [ic706] Connecting IC706 to Microphone input of PC
>
>
>
>  It might be helpful to the original poster if you shared the pin assignments
>  or a more elaborate "how-to" guide of what you mention below.
>
>  Larry J. Ford
>  KG4GPJ
>
>
>  ------ Original Message ------
>  Received: Fri, 09 Mar 2012 11:48:07 PM EST
>  From: John <af5cc@...>
>  To: ic706@yahoogroups.com
>  Subject: Re: [ic706] Connecting IC706 to Microphone input of PC
>
>  > I have done the same thing with my Icom 706 original. Used a RJ45 cable I
>  > had laying around, as well as a patch cable with 1/8" jacks on each end.
>  > Spliced the two cables together and was on RTTY-no extra cost to me. It
>  > has worked fine so far, giving me a few new RTTY countries since I did this

> > at the beginning of January.
> >
> > John AF5CC
> >
> > On Fri, Mar 9, 2012 at 1:04 PM, Facility 406 DM09 <
> > facility_406@...> wrote:
> >
> > > **
> > >
> > >
> > > "However, I am not sure how I can safely connect the Radio to Microphone
> > > socket with "jack to jack cable". It would be appreciate if you help me
> > to
> > > understand how I have to connect without breaking sound card."
> > >
> > > I have connected my 706 to many computers since the mid-90's with a
> > simple
> > > 1/8" audio cable without problems other than a ground-loop using one
> > model
> > > of laptop, this was remedied by flipping the power cord over.
> > >
> > > After you have everything connected, turn up the volume until you get the
> > > desired results, on my radio, about 1/4 the range of volume.
> > >
> > > For transmit, I connect the soundcard output to the 706 microphone
> > > connection and use VOX. and increase the volume output of my computer
> > > until
> > > I get the desured results. I also do this with my Kenwood 570D. No
> > special
> > > interface, no problems ever.
> > >
> > > Kurt
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>

# 19564. Re: [ic706] Re: New member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 13:13:32 UTC
From: Bill Usher
Topic: 19560  Message: 19564

Thank you Harry, I am glad to hear this is the right place, and I read your exchange with Ralph. That is one of the best things about this hobby, is the willingness of other hams to help you out of a problem, heck you can get so much help that they almost fall over each other trying to help. Just love it. The 2 shorts years that I have been in the hobby have been so much fun, didn't know that an old ggggeeeezzzzeeeerrrrr could have this much fun.
Take Care
73
Bill
WØWJU

On 3/12/2012 7:59 AM, Harry wrote:
>
>
>
> Welcome to the group, Bill. You have found the right place for helpul
> advice on your IC706, as my recent dialogue with Ralph, KU4PT, will
> confirm. I'm sure you will enjoy your 706, as I have and find it to be
> an extemely versatile and reliable rig. However, should you have any
> questions, this is the right place to raise them. Enjoy the hobby!
> Harry
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> "woodworker414" <woodworker414@...> wrote:
> >
> > Hi all, I am a new member here, stumble across this list on a search
> for 706 stuff, thought I would get a lot of good info here. I am a
> fairly new ham, 2 yrs last month, have upgraded to general, and am
> thinking about trying for my extra. I am a retired carpenter, with
> poor vision, am having a great time in the hobby, have made some
> really good friends because of the hobby, who have helped my out a lot
> with problems. They have become a second set of eyes for me. I just
> recieved the IC 17, I want to use Ham Radio Deluxe with the new to me
> IC 706MKii that I have. Being able to make the stuff larger on the
> computer screen is a benefit to me, plus it will tell me what
> frequency I am on another benefit to me. Waiting for the cable to hook
> up the CT17 to my computer so I can get started and learn more about
> the 706 and its features. You all take care.
> > Bill
> > 73
> > WØWJU
> >
>
>

[Non-text portions of this message have been removed]

# 19565. Re: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 13:44:06 UTC
From: Ralph Mowery
Topic: 19554  Message: 19565

Glad that solved the problem for you Harry.

Thanks for letting us know.

I read about that several years ago and not long after, a local ham had the same problem. I adjusted it for him and his worked fine after that.

I doubt that you mod had anything to do with it.  Maybe something did manage to hit the adjustment screw and bump it off.  Many radios have crappy pots and capacitors in them and just seem to get off after the years.

--- On Mon, 3/12/12, Harry <g7knk@...> wrote:

From: Harry <g7knk@...>
Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
To: ic706@yahoogroups.com
Date: Monday, March 12, 2012, 8:37 AM

Managed to download a copy of the manual - brilliant document!
Followed the instructions for adjusting the FM VCO and it now looks as if I'm back in business!  Before adjusting for 1.8V, I measured 2.5V, so obviously way out - perhaps not too surprising after 10 yrs of use.  I don't think my TX expand mod had anything to do with this problem.  A minor difficulty with the adjustment: I found C1022 extremely sensitive, with very small movements causing quite large voltage swings.  Not sure whether this is normal or indicative of some underlying problem.

Thanks again Ralph for your excellent diagnosis and advice.

---

[Non-text portions of this message have been removed]

# 19566. filters for mkiig

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-12 17:19:41 UTC
From: Mark
Topic: 19566  Message: 19566

I am considering getting filters for my 706 mkii g. I operate ssb primarily but would like to do more in cw and the digital modes. What filter would you sggest starting with and where would you go from there? tnx w7moh

# 19567. Re: [ic706] filters for mkiig

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 01:07:15 UTC
From: Joe Isabella
Topic: 19566  Message: 19567

For digi modes, you'll want the 350 Hz filter. That's the easy one. For SSB, there are two choices. I put the wide filter in and like the better fidelity. If you're after better selectivity, then get the 1.8k narrow filter. More of a preference kind of thing.

Joe, N3JI

Sent from my Verizon Wireless Android

Mark <ka7gpn@yahoo.com> wrote:

>I am considering getting filters for my 706 mkii g. I operate ssb primarily but would like to do more in cw and the digital modes. What filter would you sggest starting with and where would you go from there? tnx w7moh
>

# 19568. vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 01:45:41 UTC
From: David Westbrook
Topic: 19568  Message: 19568

Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it before, and the previously owner didn't either.

VOX will go to TX just fine (and the vox-delay & vox-gain seem to behavior appropriately) ... but the instant it drops to RX, TX gets re-triggered, and it loops (and can hear the relay chattering).

I have hit up the manual, and know there's variables of:
Mic Gain
VOX on/off (M menu)
VOX Delay (quick menu)
VOX Gain (pot on side panel)
Anti-VOX (pot on side panel)

Have played with various combinations but to no avail ... have tried both the IC stock mic, and a heil headset ... using dummy load & low power while testing.

Any tips on debugging, or procedure (e.g. setting everything all the way one way) to start out and find the right setting?
Possible culprits? (the relay rclick re-triggering? RF? etc)

thanks,
--david
KJ4IZW

# 19569. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 01:52:51 UTC
From: Joe Isabella
Topic: 19568  Message: 19569

Try turning down VOX Gain, and turning up ANTI-VOX until it starts working

Joe, N3JI

Sent from my Verizon Wireless Android

David Westbrook <dwestbrook@gmail.com> wrote:

>Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
>before, and the previously owner didn't either.
>
>VOX will go to TX just fine (and the vox-delay & vox-gain seem to
>behavior appropriately) ... but the instant it drops to RX, TX gets
>re-triggered, and it loops (and can hear the relay chattering).
>
>I have hit up the manual, and know there's variables of:
> Mic Gain
> VOX on/off (M menu)
> VOX Delay (quick menu)
> VOX Gain (pot on side panel)
> Anti-VOX (pot on side panel)
>
>Have played with various combinations but to no avail ... have tried
>both the IC stock mic, and a heil headset ... using dummy load & low
>power while testing.
>
>Any tips on debugging, or procedure (e.g. setting everything all the
>way one way) to start out and find the right setting?
>Possible culprits? (the relay rclick re-triggering? RF? etc)
>
>thanks,
>--david
>KJ4IZW

# 19570. Mobile Mount Screw Size

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 02:55:29 UTC
From: Rick Meuse
Topic: 19566  Message: 19570

I've seem to have misplaced the screws needed to attach the mobile mount to the radio and because of my eyesight I can't read what may be printed on the side of the radio for the size. Can anyone help?

Rick N1HID

[Non-text portions of this message have been removed]

# 19571. Re: [ic706] Mobile Mount Screw Size

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 03:05:27 UTC
From: Jack
Topic: 19566  Message: 19571

M8 X 4MM

-----Original Message-----
From: Rick Meuse
Sent: Monday, March 12, 2012 10:55 PM
To: ic706@yahoogroups.com
Subject: [ic706] Mobile Mount Screw Size

I've seem to have misplaced the screws needed to attach the mobile mount to the radio and because of my eyesight I can't read what may be printed on the side of the radio for the size. Can anyone help?

Rick N1HID

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19572. Odd IC706 Mk II Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 03:14:39 UTC
From: ka9p
Topic: 19566  Message: 19572

HI -

I picked up a used 706 MK 2 a few weeks ago and finally got around to taking a look at the output on my wattmeter.

Into a good dummy load I'm getting 150 watts out on 80 meters and around 70 down at 10 meters, with the power rolling off through the bands in the middle>

Does this sound like a fault, someone fiddling with the power output, or?

Any thoughts appreciated - the radio is perfect otherwise - my concern primarily is that if this is an indication of an imminent fault I'd like to know arther than rely on it on a long trip.

Thanks and 73, Scott

[Non-text portions of this message have been removed]

# 19573. Re: [ic706] Odd IC706 Mk II Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 03:19:03 UTC
From: Wayne Bowyer
Topic: 19566  Message: 19573

I've never seen more than 100 out of my 706G and that's pretty consistent through the hf bands. What kind of watt meter?

On Mon, Mar 12, 2012 at 11:14 PM, ka9p <ka9p@...> wrote:

> **
>
>
>
> HI -
>
> I picked up a used 706 MK 2 a few weeks ago and finally got around to
> taking a look at the output on my wattmeter.
>
> Into a good dummy load I'm getting 150 watts out on 80 meters and
> around 70 down at 10 meters, with the power rolling off through the
> bands in the middle>
>
> Does this sound like a fault, someone fiddling with the power output,
> or?
>
> Any thoughts appreciated - the radio is perfect otherwise - my concern
> primarily is that if this is an indication of an imminent fault I'd
> like to know arther than rely on it on a long trip.
>
> Thanks and 73, Scott
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19574. Re: [ic706] Odd IC706 Mk II Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 03:29:38 UTC
From: ka9p
Topic: 19566  Message: 19574

Its a BIrd with a Cantenna, TS870 on same rig is about 100 Watts 160 thru 10.  73 Scott

On Mar 12, 2012, at 10:19:03 PM, "Wayne Bowyer" <wayne.bowyer@...> wrote:
I've never seen more than 100 out of my 706G and that's pretty consistent
through the hf bands. What kind of watt meter?

[Non-text portions of this message have been removed]

# 19575. Re: [ic706] Odd IC706 Mk II Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 11:11:47 UTC
From: Deacon Dave
Topic: 19566  Message: 19575

Sounds like someone "fiddled"

----- Original Message -----
From: ka9p
To: ic706@yahoogroups.com
Sent: Monday, March 12, 2012 11:14 PM
Subject: [ic706] Odd IC706 Mk II Power Output

HI -

I picked up a used 706 MK 2 a few weeks ago and finally got around to taking a look at the output on my wattmeter.

Into a good dummy load I'm getting 150 watts out on 80 meters and around 70 down at 10 meters, with the power rolling off through the bands in the middle>

Does this sound like a fault, someone fiddling with the power output, or?

Any thoughts appreciated - the radio is perfect otherwise - my concern primarily is that if this is an indication of an imminent fault I'd like to know arther than rely on it on a long trip.

Thanks and 73, Scott

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19576. Re: [ic706] filters for mkiig

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 10:43:24 UTC
From: g3sdy@aol.com
Topic: 19566  Message: 19576

Hi all,
The narrow filter helps cut down adjacent channel QRM especially useful on 80m and 40m when operating mobile or trying to work QRP stations on a busy band.
It is possible to simulate the missing High audio frequencies (try using the IRT control) or a diode accross the ext speaker to generate a few audio harmonics!!!

73 Gerald g3sdy

For digi modes, you'll want the 350 Hz filter. That's the easy one. For SSB, there are two choices. I put the wide filter in and like the better fidelity. If you're after better selectivity, then get the 1.8k narrow filter. More of a preference kind of thing.

Joe, N3JI

Sent from my Verizon Wireless Android

Mark <ka7gpn@...> wrote:

>I am considering getting filters for my 706 mkii g. I operate ssb primarily but would like to do more in cw and the digital modes. What filter would you sggest starting with and where would you go from there? tnx w7moh
>

# 19577. Re: [ic706] Odd IC706 Mk II Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 10:07:11 UTC
From: LEWIS THOMAS
Topic: 19566  Message: 19577

Hello
       My 706mk2 G has output power of 115 watts on 80 meters, and 105 watts on ten meters, the radio is 8 years old, I have been told it was normal for valved sets to be like this, power reduced as frequency increased,
73 Lewis MW0LEW

---
From: Wayne Bowyer <wayne.bowyer@...>
To: ic706@yahoogroups.com
Sent: Tuesday, 13 March 2012, 3:19
Subject: Re: [ic706] Odd IC706 Mk II Power Output

I've never seen more than 100 out of my 706G and that's pretty consistent through the hf bands. What kind of watt meter?

On Mon, Mar 12, 2012 at 11:14 PM, ka9p <ka9p@...> wrote:

> **
>
>
>
> HI -
>
> I picked up a used 706 MK 2 a few weeks ago and finally got around to
> taking a look at the output on my wattmeter.
>
> Into a good dummy load I'm getting 150 watts out on 80 meters and
> around 70 down at 10 meters, with the power rolling off through the
> bands in the middle>
>
> Does this sound like a fault, someone fiddling with the power output,
> or?
>
> Any thoughts appreciated - the radio is perfect otherwise - my concern
> primarily is that if this is an indication of an imminent fault I'd
> like to know arther than rely on it on a long trip.
>
> Thanks and 73, Scott
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19578. Re: [ic706] Mobile Mount Screw Size

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 13:17:51 UTC
From: David Westbrook
Topic: 19566  Message: 19578

I recently used M4-0.70 from lowes (in the drawers section) for my
IC706MKII to attach to custom-made brackets (from 1/16" x 1/2" aluminum
strips; also from lowes)

--daivd
KJ4IZW

On Mon, Mar 12, 2012 at 11:05 PM, Jack <jack.mrfixit198@...> wrote:

> **
>
>
> M8 X 4MM
>
>
> -----Original Message-----
> From: Rick Meuse
> Sent: Monday, March 12, 2012 10:55 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Mobile Mount Screw Size
>
> I've seem to have misplaced the screws needed to attach the mobile mount to
> the radio and because of my eyesight I can't read what may be printed on
> the
> side of the radio for the size. Can anyone help?
>
> Rick N1HID
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19579. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 17:10:39 UTC
From: David Westbrook
Topic: 19568  Message: 19579

Had anti-vox at max, and turned down vox-gain until it no longer started TX
... same issue.

It seems to have the same "chattering" behavior for any combo (where
vox-gain is sufficient to trip TX) of vox-gain & anti-vox ...

thanks,
--david
KJ4IZW

On Mon, Mar 12, 2012 at 9:52 PM, Joe Isabella <n3ji@...> wrote:

> **
>
>
> Try turning down VOX Gain, and turning up ANTI-VOX until it starts working
>
> Joe, N3JI
>
> Sent from my Verizon Wireless Android
>
>
> David Westbrook <dwestbrook@...> wrote:
>
> >Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
> >before, and the previously owner didn't either.
> >
> >VOX will go to TX just fine (and the vox-delay & vox-gain seem to
> >behavior appropriately) ... but the instant it drops to RX, TX gets
> >re-triggered, and it loops (and can hear the relay chattering).
> >
> >I have hit up the manual, and know there's variables of:
> > Mic Gain
> > VOX on/off (M menu)
> > VOX Delay (quick menu)
> > VOX Gain (pot on side panel)
> > Anti-VOX (pot on side panel)
> >
> >Have played with various combinations but to no avail ... have tried
> >both the IC stock mic, and a heil headset ... using dummy load & low
> >power while testing.
> >
> >Any tips on debugging, or procedure (e.g. setting everything all the
> >way one way) to start out and find the right setting?
> >Possible culprits? (the relay rclick re-triggering? RF? etc)
> >

> >thanks,
> >--david
> >KJ4IZW
>
>
>

[Non-text portions of this message have been removed]

# 19580. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 17:13:39 UTC
From: Ken Winterling
Topic: 19568  Message: 19580

David,

Try your test again but this time use head phones to eliminate any possibility of the speaker audio being fed back to the mic. Let us know the results.

Ken
WA2LBI

On Tue, Mar 13, 2012 at 13:10, David Westbrook <dwestbrook@...> wrote:

> Had anti-vox at max, and turned down vox-gain until it no longer started TX
> ... same issue.
>
> It seems to have the same "chattering" behavior for any combo (where
> vox-gain is sufficient to trip TX) of vox-gain & anti-vox ...
>
> thanks,
> --david
> KJ4IZW
>
>
> On Mon, Mar 12, 2012 at 9:52 PM, Joe Isabella <n3ji@...> wrote:
>
> > **
> > >
> > >
> > Try turning down VOX Gain, and turning up ANTI-VOX until it starts
> working
> > >
> > Joe, N3JI
> > >
> > Sent from my Verizon Wireless Android
> > >
> > >
> > David Westbrook <dwestbrook@...> wrote:
> > >
> > >Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
> > >before, and the previously owner didn't either.
> > >
> > >VOX will go to TX just fine (and the vox-delay & vox-gain seem to
> > >behavior appropriately) ... but the instant it drops to RX, TX gets
> > >re-triggered, and it loops (and can hear the relay chattering).
> > >
> > >I have hit up the manual, and know there's variables of:
> > > Mic Gain

> > > VOX on/off (M menu)
> > > VOX Delay (quick menu)
> > > VOX Gain (pot on side panel)
> > > Anti-VOX (pot on side panel)
> > >
> > >Have played with various combinations but to no avail ... have tried
> > >both the IC stock mic, and a heil headset ... using dummy load & low
> > >power while testing.
> > >
> > >Any tips on debugging, or procedure (e.g. setting everything all the
> > >way one way) to start out and find the right setting?
> > >Possible culprits? (the relay rclick re-triggering? RF? etc)
> > >
> > >thanks,
> > >--david
> > >KJ4IZW
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19581. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 17:23:08 UTC
From: David Westbrook
Topic: 19568  Message: 19581

all tests so far have been with heil headset, tx'ing into dummy load, and
with 706 volume knob turned all the way down :(

--david
KJ4IZW

On Tue, Mar 13, 2012 at 1:13 PM, Ken Winterling <wa2lbi@...> wrote:

> **
>
>
> David,
>
> Try your test again but this time use head phones to eliminate any
> possibility of the speaker audio being fed back to the mic. Let us know
> the results.
>
> Ken
> WA2LBI
>
>
> On Tue, Mar 13, 2012 at 13:10, David Westbrook <dwestbrook@...>
> wrote:
>
> > Had anti-vox at max, and turned down vox-gain until it no longer started
> TX
> > ... same issue.
> >
> > It seems to have the same "chattering" behavior for any combo (where
> > vox-gain is sufficient to trip TX) of vox-gain & anti-vox ...
> >
> > thanks,
> > --david
> > KJ4IZW
> >
> >
> > On Mon, Mar 12, 2012 at 9:52 PM, Joe Isabella <n3ji@...> wrote:
> >
> > > **
>
> > >
> > >
> > > Try turning down VOX Gain, and turning up ANTI-VOX until it starts
> > working
> > >
> > > Joe, N3JI

> > >
> > > Sent from my Verizon Wireless Android
> > >
> > >
> > > David Westbrook <dwestbrook@...> wrote:
> > >
> > > >Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
> > > >before, and the previously owner didn't either.
> > > >
> > > >VOX will go to TX just fine (and the vox-delay & vox-gain seem to
> > > >behavior appropriately) ... but the instant it drops to RX, TX gets
> > > >re-triggered, and it loops (and can hear the relay chattering).
> > > >
> > > >I have hit up the manual, and know there's variables of:
> > > > Mic Gain
> > > > VOX on/off (M menu)
> > > > VOX Delay (quick menu)
> > > > VOX Gain (pot on side panel)
> > > > Anti-VOX (pot on side panel)
> > > >
> > > >Have played with various combinations but to no avail ... have tried
> > > >both the IC stock mic, and a heil headset ... using dummy load & low
> > > >power while testing.
> > > >
> > > >Any tips on debugging, or procedure (e.g. setting everything all the
> > > >way one way) to start out and find the right setting?
> > > >Possible culprits? (the relay rclick re-triggering? RF? etc)
> > > >
> > > >thanks,
> > > >--david
> > > >KJ4IZW
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>

>
>

[Non-text portions of this message have been removed]

# 19582. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 17:25:04 UTC
From: Stu Capon
Topic: 19568  Message: 19582

RF on the audio?
shorten the leads, add ferrite test again?

Stu

On 13/03/12 17:23, David Westbrook wrote:
> all tests so far have been with heil headset, tx'ing into dummy load, and
> with 706 volume knob turned all the way down :(
>
> --david
> KJ4IZW
>
> On Tue, Mar 13, 2012 at 1:13 PM, Ken Winterling<wa2lbi@...> wrote:
>
>> **
>>
>>
>> David,
>>
>> Try your test again but this time use head phones to eliminate any
>> possibility of the speaker audio being fed back to the mic. Let us know
>> the results.
>>
>> Ken
>> WA2LBI
>>
>>
>> On Tue, Mar 13, 2012 at 13:10, David Westbrook<dwestbrook@...>
>> wrote:
>>
>>> Had anti-vox at max, and turned down vox-gain until it no longer started
>> TX
>>> ... same issue.
>>>
>>> It seems to have the same "chattering" behavior for any combo (where
>>> vox-gain is sufficient to trip TX) of vox-gain& anti-vox ...
>>>
>>> thanks,
>>> --david
>>> KJ4IZW
>>>
>>>
>>> On Mon, Mar 12, 2012 at 9:52 PM, Joe Isabella<n3ji@...> wrote:
>>>
>>>> **

>>>>
>>>> Try turning down VOX Gain, and turning up ANTI-VOX until it starts
>>> working
>>>> Joe, N3JI
>>>>
>>>> Sent from my Verizon Wireless Android
>>>>
>>>>
>>>> David Westbrook<dwestbrook@...> wrote:
>>>>
>>>>> Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
>>>>> before, and the previously owner didn't either.
>>>>>
>>>>> VOX will go to TX just fine (and the vox-delay& vox-gain seem to
>>>>> behavior appropriately) ... but the instant it drops to RX, TX gets
>>>>> re-triggered, and it loops (and can hear the relay chattering).
>>>>>
>>>>> I have hit up the manual, and know there's variables of:
>>>>> Mic Gain
>>>>> VOX on/off (M menu)
>>>>> VOX Delay (quick menu)
>>>>> VOX Gain (pot on side panel)
>>>>> Anti-VOX (pot on side panel)
>>>>>
>>>>> Have played with various combinations but to no avail ... have tried
>>>>> both the IC stock mic, and a heil headset ... using dummy load& low
>>>>> power while testing.
>>>>>
>>>>> Any tips on debugging, or procedure (e.g. setting everything all the
>>>>> way one way) to start out and find the right setting?
>>>>> Possible culprits? (the relay rclick re-triggering? RF? etc)
>>>>>
>>>>> thanks,
>>>>> --david
>>>>> KJ4IZW
>>>>
>>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> Yahoo! Groups Links
>>>
>>>
>>>
>>>
>>>
>> [Non-text portions of this message have been removed]

>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19583. Re: [ic706] vox loop

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-13 23:57:06 UTC
From: Ken Winterling
Topic: 19568  Message: 19583

RF on the mic line is a good possibility. Here is another test.
Disconnect the mic, shut off the VOX, and manually key the transmitter.
Do you hear anything in an adjacent receiver tuned to the transmitting
frequency? Let us know the results.

Ken
WA2LBI

On Tue, Mar 13, 2012 at 13:25, Stu Capon <powernumpty@...> wrote:

> **
>
>
> RF on the audio?
> shorten the leads, add ferrite test again?
>
> Stu
>
>
> On 13/03/12 17:23, David Westbrook wrote:
> > all tests so far have been with heil headset, tx'ing into dummy load, and
> > with 706 volume knob turned all the way down :(
> >
> > --david
> > KJ4IZW
> >
> > On Tue, Mar 13, 2012 at 1:13 PM, Ken Winterling<wa2lbi@...> wrote:
> >
> >> **
> >>
> >>
> >> David,
> >>
> >> Try your test again but this time use head phones to eliminate any
> >> possibility of the speaker audio being fed back to the mic. Let us know
> >> the results.
> >>
> >> Ken
> >> WA2LBI
> >>
> >>
> >> On Tue, Mar 13, 2012 at 13:10, David Westbrook<dwestbrook@...>
> >> wrote:
> >>
> >>> Had anti-vox at max, and turned down vox-gain until it no longer
> started

> >> TX
> >>> ... same issue.
> >>>
> >>> It seems to have the same "chattering" behavior for any combo (where
> >>> vox-gain is sufficient to trip TX) of vox-gain& anti-vox ...
>
> >>>
> >>> thanks,
> >>> --david
> >>> KJ4IZW
> >>>
> >>>
> >>> On Mon, Mar 12, 2012 at 9:52 PM, Joe Isabella<n3ji@...> wrote:
> >>>
> >>>> **
> >>>>
> >>>> Try turning down VOX Gain, and turning up ANTI-VOX until it starts
> >>> working
> >>>> Joe, N3JI
> >>>>
> >>>> Sent from my Verizon Wireless Android
> >>>>
> >>>>
> >>>> David Westbrook<dwestbrook@...> wrote:
> >>>>
> >>>>> Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it
> >>>>> before, and the previously owner didn't either.
> >>>>>
> >>>>> VOX will go to TX just fine (and the vox-delay& vox-gain seem to
>
> >>>>> behavior appropriately) ... but the instant it drops to RX, TX gets
> >>>>> re-triggered, and it loops (and can hear the relay chattering).
> >>>>>
> >>>>> I have hit up the manual, and know there's variables of:
> >>>>> Mic Gain
> >>>>> VOX on/off (M menu)
> >>>>> VOX Delay (quick menu)
> >>>>> VOX Gain (pot on side panel)
> >>>>> Anti-VOX (pot on side panel)
> >>>>>
> >>>>> Have played with various combinations but to no avail ... have tried
> >>>>> both the IC stock mic, and a heil headset ... using dummy load& low
>
> >>>>> power while testing.
> >>>>>
> >>>>> Any tips on debugging, or procedure (e.g. setting everything all the
> >>>>> way one way) to start out and find the right setting?
> >>>>> Possible culprits? (the relay rclick re-triggering? RF? etc)
> >>>>>
> >>>>> thanks,

> >>>>> --david
> >>>>> KJ4IZW
> >>>>
> >>>>
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >>>
> >>> ------------------------------------
> >>>
> >>> Yahoo! Groups Links
> >>>
> >>>
> >>>
> >>>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >>
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

# 19584. LDG AT-7000 tuner and MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-15 13:15:05 UTC
From: Don
Topic: 19584  Message: 19584

I got this AT-7000 the other day...hooked it up..seems to be working. The LDG manual is focused towards the IC-7000. Can't figure out if the tuner can go to bypass or does it not have that function on the MKII...SWR always reads about 1.3:1 even without re-tuning after changing bands and the PTT tuning (Q13) is off. Tuner/call button blinks once when i tune it up. doesn't respond like the 706 manual says but that's with an ICOM AH...

Seems to be RXing ok...

I did buy the MKII as a basket case and found that the ant tuner plug had exceeded the 1 amp rating and burnt the circuit board trace. Fixed that and everything else seems normal.

this is my first automatic ant tuner,,,,not sure what to expect. I'm a tube guy and need meters and lights and lots on knobs to feel comfortable.

# 19585. Re: [ic706] LDG AT-7000 tuner and MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-15 20:00:29 UTC
From: Larry J. Ford
Topic: 19584  Message: 19585

I seem to recall reading there is a difference between the auto tuner port on the IC-7000 vs. the autotuner port on the IC-706. So much so that those "tuner emulators" that plug into the autotuner port have to have a different version for the 7000.

"Here are important caveats about the IC-7000. The port on the rear apron of the IC-7000 designed to interface with the AH-4 auto coupler is configured differently than the IC-706 series. Pin 1 (TKEY) input is shared internally with the temperature control circuitry. This pin must be left floating. If it isn't, the fan will not come on as required, which can lead to final and/or CPU failures! Pin 2 (TSTART) should not be brought to supply levels (?13.8 VDC). While you can barely get by doing this to an IC-706, doing so to an IC-7000 will eventually damage its CPU. If you're building an interface, then here is the correct way to do so."

"Devices used to mimic the AH-4, and trick the IC-706 into transmitting 10 watts of carrier are not necessarily compatible with the IC-7000. This includes the suggested circuitry from SGC, at least one of the older model screwdriver controllers, and most small tuner modules. The only US made one known to work correctly is from Better RF, and designed specifically for the IC-7000. Their older IC-706 model is not compatible. There is also an Australian one designed by Owen Duffy, VK1OD, which is compatible. If you are using one of Bob Lewis' (AA4PB) Ham-Kit interfaces, remove R1 (33k) entirely, as it is not needed. For more information on these devices, read the Antenna Controllers article."
(Source: http://www.k0bg.com/couplers.html )

There's more here: http://www.eham.net/articles/14553

If that AT-7000 was truly set up for the IC-7000, it may need changes to the interface wiring to work correctly with the 706. Does the manual contain any references to using the tuner with OTHER than a 7000?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Don
To: ic706@yahoogroups.com
Sent: Thursday, March 15, 2012 8:15 AM
Subject: [ic706] LDG AT-7000 tuner and MKII

I got this AT-7000 the other day...hooked it up..seems to be working. The LDG manual is focused towards the IC-7000. Can't figure out if the tuner can go to bypass or does it not have that function on the MKII...SWR always reads about 1.3:1 even without re-tuning after changing bands and the PTT tuning (Q13) is off. Tuner/call button blinks once when i tune it up.

doesn't respond like the 706 manual says but that's with an ICOM AH...

Seems to be RXing ok...

I did buy the MKII as a basket case and found that the ant tuner plug had exceeded the 1 amp rating and burnt the circuit board trace. Fixed that and everything else seems normal.

this is my first automatic ant tuner,,,,not sure what to expect. I'm a tube guy and need meters and lights and lots on knobs to feel comfortable.

# 19586. Re: LDG AT-7000 tuner and MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-15 20:55:32 UTC
From: Don
Topic: 19584  Message: 19586

Thanks for the reply Larry...i read that web site before from K0BG...nice write up. I think site is geared more to the fragility of the IC-7000 to the antenna tuner output plug nad using screwdriver type antenna controllers. The 706 is almost as fragile but has a little more oomph. My 706 works great with the BetterRF tuning slug in the tuner output and my big old home brew manual antenna tuner. Transmitter drops to 10 watts and I can pull the SWR down to 1.3:1.

I shot an email off to LDG to see if they have any words of wisdom. Since schematics are pretty rare for these puppies and i paid for a working unit, I'd rather get my money back for tuner a go look for something else.

I'll post LDG's reply maybe it would help someone else later on.

73 don

--- In ic706@yahoogroups.com, "Larry J. Ford" <lford@...> wrote:
>
> I seem to recall reading there is a difference between the auto tuner port
> on the IC-7000 vs. the autotuner port on the IC-706. So much so that those
> "tuner emulators" that plug into the autotuner port have to have a different
> version for the 7000.
>
> "Here are important caveats about the IC-7000. The port on the rear apron of
> the IC-7000 designed to interface with the AH-4 auto coupler is configured
> differently than the IC-706 series. Pin 1 (TKEY) input is shared internally
> with the temperature control circuitry. This pin must be left floating. If
> it isn't, the fan will not come on as required, which can lead to final
> and/or CPU failures! Pin 2 (TSTART) should not be brought to supply levels
> (?13.8 VDC). While you can barely get by doing this to an IC-706, doing so
> to an IC-7000 will eventually damage its CPU. If you're building an
> interface, then here is the correct way to do so."
>
> "Devices used to mimic the AH-4, and trick the IC-706 into transmitting 10
> watts of carrier are not necessarily compatible with the IC-7000. This
> includes the suggested circuitry from SGC, at least one of the older model
> screwdriver controllers, and most small tuner modules. The only US made one
> known to work correctly is from Better RF, and designed specifically for the
> IC-7000. Their older IC-706 model is not compatible. There is also an
> Australian one designed by Owen Duffy, VK1OD, which is compatible. If you
> are using one of Bob Lewis' (AA4PB) Ham-Kit interfaces, remove R1 (33k)
> entirely, as it is not needed. For more information on these devices, read
> the Antenna Controllers article."
> (Source: http://www.k0bg.com/couplers.html )
>
> There's more here: http://www.eham.net/articles/14553
>

> If that AT-7000 was truly set up for the IC-7000, it may need changes to the
> interface wiring to work correctly with the 706. Does the manual contain
> any references to using the tuner with OTHER than a 7000?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Don
> To: ic706@yahoogroups.com
> Sent: Thursday, March 15, 2012 8:15 AM
> Subject: [ic706] LDG AT-7000 tuner and MKII
>
>
>
> I got this AT-7000 the other day...hooked it up..seems to be working. The
> LDG manual is focused towards the IC-7000. Can't figure out if the tuner can
> go to bypass or does it not have that function on the MKII...SWR always
> reads about 1.3:1 even without re-tuning after changing bands and the PTT
> tuning (Q13) is off. Tuner/call button blinks once when i tune it up.
> doesn't respond like the 706 manual says but that's with an ICOM AH...
>
> Seems to be RXing ok...
>
> I did buy the MKII as a basket case and found that the ant tuner plug had
> exceeded the 1 amp rating and burnt the circuit board trace. Fixed that and
> everything else seems normal.
>
> this is my first automatic ant tuner,,,,not sure what to expect. I'm a tube
> guy and need meters and lights and lots on knobs to feel comfortable.
>

# 19587. New 4:1 Balun Ebay

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-16 16:19:27 UTC
From: kd8dvy@ymail.com
Topic: 19587  Message: 19587

GD All,

I am writing this in regards of a fellow HAM and her start-up internet/ebay business! Where, she makes 4:1 baluns and will hopefully branch off into 1:1; 9:1 and antennas as well! She have sold 4:1 baluns at HamFests in the past and the people who have purchased them report that they work as well if not BETTER than the traditional commercial baluns.

Check out our product on e-Bay:

http://www.ebay.com/itm/NEW-4-1-BALUN-Flat-across-ENTIRE-SPECTRUM-80-6-/290684554366?pt=LH_DefaultDomain_0&hash=item43ae264c7e

(The pic is actually bigger than the balun is.)

Thanks and 73s!
For Liz/KD9DVY by
Harold/KD8DVY

# 19588. 706MKIIG CW transmit with very low power

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-16 18:34:38 UTC
From: vidorrete
Topic: 19588  Message: 19588

Hi, I am owner of an 706MKIIG s/n 13677, works fine in alla modes all bands, tryed today to use it in CW with Straight Key.

Carefully followed all note rgarding jack (see manual page 5), and settings Q4 CW PADDLE: OFF (see manual page 33).

Beep/Sidetone adjusted and perfectly udible.

All seems fine, but power trasmission is negligible in spite of any RF POWER SETTING (Q1).

Also need to add that it works exactly the same (e.g. very low power), also using the microphone with Q4 CW PADDLE UP (and keyer jack disconnected).

Anyone can help me ?

Kind regards, IW4BKX

# 19589. Re: 706MKIIG CW transmit with very low power - Fixed !

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-17 06:49:12 UTC
From: vidorrete
Topic: 19588  Message: 19589

Hi,
I finally found a solution and the problem is now fixed on my 706MKIIG

I slightly changed setting of TRASMITTER ADJUSTMENT (R921).

This adjustment point is easily accessible opening the upper cover, as described
in IC-706MKIIG Service manual, chapter ADJUSTMENT PROCEDURE.

After this change all is working fine and CW transmitting power is as expected in all bands,
using both straight key or microphone up/down.

Regards, Alberto IW4BKX

--- In ic706@yahoogroups.com, "vidorrete" <amontardi@...> wrote:
>
> Hi, I am owner of an 706MKIIG s/n 13677, works fine in alla modes all bands, tryed today to use it in CW with Straight Key.
>
> Carefully followed all note rgarding jack (see manual page 5), and settings Q4 CW PADDLE: OFF (see manual page 33).
>
> Beep/Sidetone adjusted and perfectly udible.
>
> All seems fine, but power trasmission is negligible in spite of any RF POWER SETTING (Q1).
>
> Also need to add that it works exactly the same (e.g. very low power), also using the microphone with Q4 CW PADDLE UP (and keyer jack disconnected).
>
> Anyone can help me ?
>
> Kind regards, IW4BKX
>

# 19590. Re: LDG AT-7000 tuner and MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-19 01:13:45 UTC
From: Don
Topic: 19584  Message: 19590

Got my problem figured out...a bit. Brought in my MKIIG from the car and the AT-7000 worked fine. So the MKII has a problem with the tuner plug circuitry. I did a quick resistance check between the MKII and the MKIIG 4 pin plugs and see some differences in the TKEY line and the TSTR line.
TKEY TSTR
MKII 3.9K .45M

MKIIG 48K 1M

IF anyone has a MKII on their bench that can throw an ohmmeter on the tuner plug and verify these readings i would appreciate it. Haven't looked at the MKIIG schem to see if the circuits are the same yet. It looks like the TKEY line has some issues.

thanks don

--- In ic706@yahoogroups.com, "Don" <kc1at@...> wrote:
>
> Thanks for the reply Larry...i read that web site before from K0BG...nice write up. I think site is geared more to the fragility of the IC-7000 to the antenna tuner output plug nad using screwdriver type antenna controllers. The 706 is almost as fragile but has a little more oomph. My 706 works great with the BetterRF tuning slug in the tuner output and my big old home brew manual antenna tuner. Transmitter drops to 10 watts and I can pull the SWR down to 1.3:1.
>
> I shot an email off to LDG to see if they have any words of wisdom. Since schematics are pretty rare for these puppies and i paid for a working unit, I'd rather get my money back for tuner a go look for something else.
>
> I'll post LDG's reply maybe it would help someone else later on.
>
> 73 don
>
>
> --- In ic706@yahoogroups.com, "Larry J. Ford" <lford@> wrote:
> >
> > I seem to recall reading there is a difference between the auto tuner port
> > on the IC-7000 vs. the autotuner port on the IC-706. So much so that those
> > "tuner emulators" that plug into the autotuner port have to have a different
> > version for the 7000.
> >
> > "Here are important caveats about the IC-7000. The port on the rear apron of
> > the IC-7000 designed to interface with the AH-4 auto coupler is configured
> > differently than the IC-706 series. Pin 1 (TKEY) input is shared internally
> > with the temperature control circuitry. This pin must be left floating. If
> > it isn't, the fan will not come on as required, which can lead to final
> > and/or CPU failures! Pin 2 (TSTART) should not be brought to supply levels

> > (?13.8 VDC). While you can barely get by doing this to an IC-706, doing so
> > to an IC-7000 will eventually damage its CPU. If you're building an
> > interface, then here is the correct way to do so."
> >
> > "Devices used to mimic the AH-4, and trick the IC-706 into transmitting 10
> > watts of carrier are not necessarily compatible with the IC-7000. This
> > includes the suggested circuitry from SGC, at least one of the older model
> > screwdriver controllers, and most small tuner modules. The only US made one
> > known to work correctly is from Better RF, and designed specifically for the
> > IC-7000. Their older IC-706 model is not compatible. There is also an
> > Australian one designed by Owen Duffy, VK1OD, which is compatible. If you
> > are using one of Bob Lewis' (AA4PB) Ham-Kit interfaces, remove R1 (33k)
> > entirely, as it is not needed. For more information on these devices, read
> > the Antenna Controllers article."
> > (Source: http://www.k0bg.com/couplers.html )
> >
> > There's more here: http://www.eham.net/articles/14553
> >
> > If that AT-7000 was truly set up for the IC-7000, it may need changes to the
> > interface wiring to work correctly with the 706. Does the manual contain
> > any references to using the tuner with OTHER than a 7000?
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: Don
> > To: ic706@yahoogroups.com
> > Sent: Thursday, March 15, 2012 8:15 AM
> > Subject: [ic706] LDG AT-7000 tuner and MKII
> >
> >
> >
> > I got this AT-7000 the other day...hooked it up..seems to be working. The
> > LDG manual is focused towards the IC-7000. Can't figure out if the tuner can
> > go to bypass or does it not have that function on the MKII...SWR always
> > reads about 1.3:1 even without re-tuning after changing bands and the PTT
> > tuning (Q13) is off. Tuner/call button blinks once when i tune it up.
> > doesn't respond like the 706 manual says but that's with an ICOM AH...
> >
> > Seems to be RXing ok...
> >
> > I did buy the MKII as a basket case and found that the ant tuner plug had
> > exceeded the 1 amp rating and burnt the circuit board trace. Fixed that and
> > everything else seems normal.
> >
> > this is my first automatic ant tuner,,,,not sure what to expect. I'm a tube
> > guy and need meters and lights and lots on knobs to feel comfortable.
> >
>

# 19591. mkIIg snapping when using headphones

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-20 15:57:58 UTC
From: hahollme
Topic: 19591  Message: 19591

Hi!

I bought an used mkIIg and it seems to work just fine except when using headphones there is a snapping sound when using ptt or sending cw. Therefore sending qsk cw is very annoying because of the constant switching between rx/tx, and therefore snapping. I've tried with two headphones and a couple of mics.

Best,
Hannu
OH1HAQ

# 19592. Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 15:24:40 UTC
From: Larry J. Ford
Topic: 2286  Message: 19592

Pardon the intrusion. Testing to see if messages are going through.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19593. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 14:37:10 UTC
From: Stu Capon
Topic: 2286  Message: 19593

They are indeed.

You may not get an email copy of your own posts, I think that is
standard set up for the Yahoo groups.

73
Stu

On 27/03/12 16:24, Larry J. Ford wrote:
>
> Pardon the intrusion. Testing to see if messages are going through.
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19594. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 15:52:23 UTC
From: Larry J. Ford
Topic: 2286  Message: 19594

On this list and several other Yahoo group listserves, I'm getting a copy of what I post to the listserve on a timely basis delivered back to my e-mail client.

However, there is one Yahoo group on which my postings don't come through on the listserve for several hours, if at all, and I'm trying to figure why (unless I've been "moderated" and don't know it! ;-).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Stu Capon
To: ic706@yahoogroups.com
Sent: Tuesday, March 27, 2012 9:37 AM
Subject: Re: [ic706] Test

They are indeed.

You may not get an email copy of your own posts, I think that is
standard set up for the Yahoo groups.

73
Stu

On 27/03/12 16:24, Larry J. Ford wrote:
>
> Pardon the intrusion. Testing to see if messages are going through.
>
> Larry J. Ford
> KG4GPJ
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19595. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 15:47:17 UTC
From: Stu Capon
Topic: 2286  Message: 19595

I have seen that myself and had assumed is was personal.
To paraphrase Groucho Marx "I wouldn't want to be a member of any group that accepted posts from people like me" (almost true)

I assume many groups must have active moderators some in time zones different to our own.
Also some ISP's anti-spam systems reject mail once to get it re-sent (spam will rarely get re-sent) that could add a delay.

From the polite tone of your first post I am going to put my money on "normal system lag" rather than personal in your case.

Those who need moderating rarely consider it a possibility.

Stu M0AQY

On 27/03/12 16:52, Larry J. Ford wrote:
>
> On this list and several other Yahoo group listserves, I'm getting a
> copy of what I post to the listserve on a timely basis delivered back
> to my e-mail client.
>
> However, there is one Yahoo group on which my postings don't come
> through on the listserve for several hours, if at all, and I'm trying
> to figure why (unless I've been "moderated" and don't know it! ;-).
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Stu Capon
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tuesday, March 27, 2012 9:37 AM
> Subject: Re: [ic706] Test
>
> They are indeed.
>
> You may not get an email copy of your own posts, I think that is
> standard set up for the Yahoo groups.
>
> 73
> Stu
>
> On 27/03/12 16:24, Larry J. Ford wrote:
> >
> > Pardon the intrusion. Testing to see if messages are going through.

> >
> > Larry J. Ford
> > KG4GPJ
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19596. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 15:50:55 UTC
From: AB1DD
Topic: 2286  Message: 19596

Stu,

I see that you have a G-mail account. With G-mail, your posts do not show up in your in box. This is a G-mail G-flaw.

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Tue, 3/27/12, Stu Capon <powernumpty@...> wrote:

From: Stu Capon <powernumpty@gmail.com>
Subject: Re: [ic706] Test
To: ic706@yahoogroups.com
Date: Tuesday, March 27, 2012, 11:47 AM

I have seen that myself and had assumed is was personal.

[Non-text portions of this message have been removed]

# 19597. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 16:22:41 UTC
From: Alan Beagley
Topic: 2286  Message: 19597

On 03/27/12 11:47 am, Stu Capon wrote:

> I have seen that myself and had assumed is was personal.
> To paraphrase Groucho Marx "I wouldn't want to be a member of any group
> that accepted posts from people like me" (almost true)
>
> I assume many groups must have active moderators some in time zones
> different to our own.
> Also some ISP's anti-spam systems reject mail once to get it re-sent
> (spam will rarely get re-sent) that could add a delay.

I found that two different ISPs would keep bouncing messages from Yahoo Groups (even though I had specified that I did not want them to do any Spam/virus checking), alleging that they were Spam, with the result that Yahoo would quit sending any more messages. I now use a Yahoo email address for all my Yahoo Groups subscriptions (and only for that purpose), and that has solved that problem.

73

Alan NV8A

# 19598. Re: [ic706] Test

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-27 19:06:20 UTC
From: Stu Capon
Topic: 2286  Message: 19598

Mnn I thought I had seen some,, too many groups to check.
I should try another email with this one, I don't use this much for groups.

Cheers for that Carl.

On 27/03/12 16:50, AB1DD wrote:
>
> Stu,
>
> I see that you have a G-mail account. With G-mail, your posts do not
> show up in your in box. This is a G-mail G-flaw.
>
> 73,
>
> Carl
>
> AB1DD
>
> Resistance is futile.
>
> (don't know about reactance, though)
>
> --- On Tue, 3/27/12, Stu Capon <powernumpty@...
> <mailto:powernumpty%40gmail.com>> wrote:
>
> From: Stu Capon <powernumpty@... <mailto:powernumpty%40gmail.com>>
> Subject: Re: [ic706] Test
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Date: Tuesday, March 27, 2012, 11:47 AM
>
>
>
> I have seen that myself and had assumed is was personal.
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19599. 706 won't power on...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-28 11:17:23 UTC
From: Brandon
Topic: 19599  Message: 19599

I have a 2g model that won't power on. It was working via the power supply switch but I had to unplug the unit in order to move it an now it will not turn on. I've checked the connections (obviously) and the internal fuse (intact). This happens to be the second 2g that this has happened to. I ended up cannibalizing one to get the other working.

Before I end up spending money on this radio, does anyone have any ideas as to what the problem could be and if a fix could be performed at home vs. shipping to an Icom Service Center?

# 19600. Re: [ic706] 706 won't power on...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-28 14:07:14 UTC
From: Jack Foster
Topic: 19599  Message: 19600

Clean the contacts of the control head and check the POS connecter used for
main power
On Mar 28, 2012 9:36 AM, "Brandon" <kb3vyd@...> wrote:

> I have a 2g model that won't power on. It was working via the power supply
> switch but I had to unplug the unit in order to move it an now it will not
> turn on. I've checked the connections (obviously) and the internal fuse
> (intact). This happens to be the second 2g that this has happened to. I
> ended up cannibalizing one to get the other working.
>
> Before I end up spending money on this radio, does anyone have any ideas
> as to what the problem could be and if a fix could be performed at home vs.
> shipping to an Icom Service Center?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19601. Re: 706 won't power on...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-03-31 04:10:07 UTC
From: Brandon
Topic: 19599  Message: 19601

O.k. stupid me. The positive side of the power cord wasn't making a good connection at one end of the inline fuse. I totally forgot that the wire was prone to come out hence no power.

Now, unfortunately, I've lost the sound and some of the other functions on the control panel. I can switch between the various functions but cannot change the memory channels or adjust the sideband bandwidth. The VFO works and can switch between bands. There is no squelch function either. Absolutely no sound. Anyone have any ideas?

BTW, I think this group is great. Keep up the good work.

--- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@...> wrote:
>
> Clean the contacts of the control head and check the POS connecter used for
> main power
> On Mar 28, 2012 9:36 AM, "Brandon" <kb3vyd@...> wrote:
>
> > I have a 2g model that won't power on. It was working via the power supply
> > switch but I had to unplug the unit in order to move it an now it will not
> > turn on. I've checked the connections (obviously) and the internal fuse
> > (intact). This happens to be the second 2g that this has happened to. I
> > ended up cannibalizing one to get the other working.
> >
> > Before I end up spending money on this radio, does anyone have any ideas
> > as to what the problem could be and if a fix could be performed at home vs.
> > shipping to an Icom Service Center?
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>

# 19602. Re: 706 won't power on...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-01 10:17:35 UTC
From: Don
Topic: 19599  Message: 19602

If its no audio from the speaker, slide the head off and make sure you didn't hit the "SPEAKER" / "PHONE" switch to phones.....I've done that a few times.

don

--- In ic706@yahoogroups.com, "Brandon" <kb3vyd@...> wrote:
>
> O.k. stupid me. The positive side of the power cord wasn't making a good connection at one end of the inline fuse. I totally forgot that the wire was prone to come out hence no power.
>
> Now, unfortunately, I've lost the sound and some of the other functions on the control panel. I can switch between the various functions but cannot change the memory channels or adjust the sideband bandwidth. The VFO works and can switch between bands. There is no squelch function either. Absolutely no sound. Anyone have any ideas?
>
> BTW, I think this group is great. Keep up the good work.
>
>
>
>
> --- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@> wrote:
> >
> > Clean the contacts of the control head and check the POS connecter used for
> > main power
> > On Mar 28, 2012 9:36 AM, "Brandon" <kb3vyd@> wrote:
> >
> > > I have a 2g model that won't power on. It was working via the power supply
> > > switch but I had to unplug the unit in order to move it an now it will not
> > > turn on. I've checked the connections (obviously) and the internal fuse
> > > (intact). This happens to be the second 2g that this has happened to. I
> > > ended up cannibalizing one to get the other working.
> > >
> > > Before I end up spending money on this radio, does anyone have any ideas
> > > as to what the problem could be and if a fix could be performed at home vs.
> > > shipping to an Icom Service Center?
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >

> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19603. Re: 706 won't power on...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-01 22:42:57 UTC
From: Don
Topic: 19599  Message: 19603

opps...wait...that's for the external speaker not the internal. I forgot that i had that problem in the car.....not in the house.

I assume it's the internal that your having the problem with.

d

--- In ic706@...m, "Don" <kc1at@...> wrote:
>
> If its no audio from the speaker, slide the head off and make sure you didn't hit the "SPEAKER" / "PHONE" switch to phones.......I've done that a few times.
>
> don
>
> --- In ic706@yahoogroups.com, "Brandon" <kb3vyd@> wrote:
> >
> > O.k. stupid me. The positive side of the power cord wasn't making a good connection at one end of the inline fuse. I totally forgot that the wire was prone to come out hence no power.
> >
> > Now, unfortunately, I've lost the sound and some of the other functions on the control panel. I can switch between the various functions but cannot change the memory channels or adjust the sideband bandwidth. The VFO works and can switch between bands. There is no squelch function either. Absolutely no sound. Anyone have any ideas?
> >
> > BTW, I think this group is great. Keep up the good work.
> >
> >
> >
> >
> > --- In ic706@yahoogroups.com, Jack Foster <jack.mrfixit198@> wrote:
> > >
> > > Clean the contacts of the control head and check the POS connecter used for
> > > main power
> > > On Mar 28, 2012 9:36 AM, "Brandon" <kb3vyd@> wrote:
> > >
> > > > I have a 2g model that won't power on. It was working via the power supply
> > > > switch but I had to unplug the unit in order to move it an now it will not
> > > > turn on. I've checked the connections (obviously) and the internal fuse
> > > > (intact). This happens to be the second 2g that this has happened to. I
> > > > ended up cannibalizing one to get the other working.
> > > >
> > > > Before I end up spending money on this radio, does anyone have any ideas
> > > > as to what the problem could be and if a fix could be performed at home vs.
> > > > shipping to an Icom Service Center?
> > > >

> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 19604. 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 15:04:56 UTC
From: Jim Stewart
Topic: 19604  Message: 19604

Icom 706 Serial 04553 new in 1998 and never missed a beat since.

Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB 704 Interface Buffer and recommended connecting cable PNP-13D.

Significant voltage spikes on keying up in cw mode. Ameritron advise that some 706, implied older models, had a problem in this respect and to refer to Icom.

Anybody with a solution or comments please.

Jim Stewart 5Z4FM

# 19605. Re: [ic706] 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 15:53:57 UTC
From: Ralph Mowery
Topic: 19604  Message: 19605

I am not sure of your question.  If you mean the Icom 706 puts out a spike of RF and then cuts the output power back, that is normal for the Icom 706.  I do not know of a way around this.

--- On Mon, 4/9/12, Jim Stewart <jim@...> wrote:

From: Jim Stewart <jim@cjastewart.com>
Subject: [ic706] 706- Power Spikes
To: ic706@yahoogroups.com
Date: Monday, April 9, 2012, 11:04 AM

    Icom 706 Serial 04553 new in 1998 and never missed a beat since.

Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB 704 Interface Buffer and recommended connecting cable PNP-13D.

Significant voltage spikes on keying up in cw mode.  Ameritron advise that some 706, implied older models, had a problem in this respect and to refer to Icom.

Anybody with a solution or comments please.

Jim Stewart 5Z4FM

[Non-text portions of this message have been removed]

# 19606. Re: [ic706] 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 17:00:22 UTC
From: Larry J. Ford
Topic: 19604  Message: 19606

This "leading edge power spike" is a noted, well-known characteristic of the original 706, the 706 MKII (the two models that I have), and, for all I know, the 706MKIIG as well.

The issue can be found in other ICOM models as well, although it is exhibited to a much lesser degree in the ICOM IC-7200, which is the rig I mostly use to drive my Ameritron ALS-600.

In order to attempt to use either the original 706 or the 706MKII to drive the ALS-600, I have research several solutions, including the following by Phil Salas, who has written about this problem extensively:

http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf

http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf

I am currently adding another gas discharge tube to the device in the second article to suppress the power spike on the 706 for use with my ALS-600.

Hope this helps.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jim Stewart
To: ic706@yahoogroups.com
Sent: Monday, April 09, 2012 10:04 AM
Subject: [ic706] 706- Power Spikes

Icom 706 Serial 04553 new in 1998 and never missed a beat since.

Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB 704 Interface Buffer and recommended connecting cable PNP-13D.

Significant voltage spikes on keying up in cw mode. Ameritron advise that some 706, implied older models, had a problem in this respect and to refer to Icom.

Anybody with a solution or comments please.

Jim Stewart 5Z4FM

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 19607. Re: [ic706] 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 16:27:24 UTC
From: Mike Rodgers
Topic: 19604  Message: 19607

If you can run it full power there may not be a spike but anything less their will be for sure.

Even the newest icom 7410 has this problem. A good way to cook ceramic tubes.

Some have built attenuators to tame the beast.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 9, 2012, at 10:04 AM, "Jim Stewart" <jim@...> wrote:

> Icom 706 Serial 04553 new in 1998 and never missed a beat since.
>
> Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB
> 704 Interface Buffer and recommended connecting cable PNP-13D.
>
> Significant voltage spikes on keying up in cw mode. Ameritron advise that
> some 706, implied older models, had a problem in this respect and to refer
> to Icom.
>
> Anybody with a solution or comments please.
>
> Jim Stewart 5Z4FM
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19608. Re: [ic706] 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 16:05:05 UTC
From: Jim Stewart
Topic: 19604  Message: 19608

Thanks Ralph....of course should be RF spike...was under the impression that the Interface Buffer from Ameritron dealt with this situation which is not doing anything much good. May see some other comments.
73 Jim 5Z4FM
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Monday, April 09, 2012 15:53
Subject: Re: [ic706] 706- Power Spikes

I am not sure of your question. If you mean the Icom 706 puts out a spike of RF and then cuts the output power back, that is normal for the Icom 706. I do not know of a way around this.

--- On Mon, 4/9/12, Jim Stewart <jim@...> wrote:

From: Jim Stewart <jim@...>
Subject: [ic706] 706- Power Spikes
To: ic706@yahoogroups.com
Date: Monday, April 9, 2012, 11:04 AM

Icom 706 Serial 04553 new in 1998 and never missed a beat since.

Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB 704 Interface Buffer and recommended connecting cable PNP-13D.

Significant voltage spikes on keying up in cw mode. Ameritron advise that some 706, implied older models, had a problem in this respect and to refer to Icom.

Anybody with a solution or comments please.

Jim Stewart 5Z4FM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19609. Re: [ic706] 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-09 21:24:44 UTC
From: Larry J. Ford
Topic: 19604  Message: 19609

I have an Ameritron ARB-704, along with the ALS-600 and 706, essentially the same set-up as yours, and there's no way the ARB-704 amp keying "buffer" can deal with an RF spike from the rig used to drive the amp - there's no RF connection from the rig to the ARB-704.

The ARB-704 is designed to with two situations primarily:

1. For newer, solid state rigs with amp keying relays that cannot withstand the higher key line voltages present on the keying relays on the older amps of previous generations (e.g., original Heathkit SSB-200s, etc); or,

2. For rigs that have NO amp keying relay, such as the 706, which require an interface of some sort to key an amp.

The ALC line on the ARB-704 is simply a "pass-through" circuit, but wouldn't help the leading-edge power spike prevalent on the 706s.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Jim Stewart
To: ic706@yahoogroups.com
Sent: Monday, April 09, 2012 11:05 AM
Subject: Re: [ic706] 706- Power Spikes

Thanks Ralph....of course should be RF spike...was under the impression that the Interface Buffer from Ameritron dealt with this situation which is not doing anything much good. May see some other comments.
73 Jim 5Z4FM
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Monday, April 09, 2012 15:53
Subject: Re: [ic706] 706- Power Spikes

I am not sure of your question. If you mean the Icom 706 puts out a spike of RF and then cuts the output power back, that is normal for the Icom 706. I do not know of a way around this.

--- On Mon, 4/9/12, Jim Stewart <jim@...> wrote:

From: Jim Stewart <jim@...>
Subject: [ic706] 706- Power Spikes
To: ic706@yahoogroups.com
Date: Monday, April 9, 2012, 11:04 AM

Icom 706 Serial 04553 new in 1998 and never missed a beat since.

Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB 704 Interface Buffer and recommended connecting cable PNP-13D.

Significant voltage spikes on keying up in cw mode. Ameritron advise that some 706, implied older models, had a problem in this respect and to refer to Icom.

Anybody with a solution or comments please.

Jim Stewart 5Z4FM

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19610. Need to pick your brains again.....

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-10 11:00:46 UTC
From: Brandon
Topic: 19610  Message: 19610

Having another problem with my 2g, I have no audio. There's no audio coming out of the speaker, front headphone jack, or external speaker jack. Along with this the bandwidth adjustment knob and squelch knob don't work. Everything else seems to work (so far).

Anyone have any ideas?

Thanks in advance,
Brandon, KB3VYD

# 19611. Re: [ic706] Need to pick your brains again.....

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-10 11:50:32 UTC
From: Jack Foster
Topic: 19610  Message: 19611

Clean the head contacts
On Apr 10, 2012 7:41 AM, "Brandon" <kb3vyd@...> wrote:

> Having another problem with my 2g, I have no audio. There's no audio
> coming out of the speaker, front headphone jack, or external speaker jack.
> Along with this the bandwidth adjustment knob and squelch knob don't work.
> Everything else seems to work (so far).
>
> Anyone have any ideas?
>
> Thanks in advance,
> Brandon, KB3VYD
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19613. FS: Icom 706 accessory bag-plugs, jack, fuses

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-14 22:13:15 UTC
From: John G.
Topic: 19613  Message: 19613

I have for sale the accessory bag that comes with Icom 706 series radios. It includes the 13 pin DIN plug, a stereo 1/4" jack, a stereo 1/8" jack, 3 fuses, and a stick on mic clip. I am asking $10 shipped for it and can take paypal/check/MO.

73 John AF5CC

[Non-text portions of this message have been removed]

# 19614. Re: [ic706] FS: Icom 706 accessory bag-plugs, jack, fuses

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-15 14:34:09 UTC
From: LARRY J. FORD
Topic: 19613  Message: 19614

John,

I'll take it, if still available.

Please forward your PayPal info privately.

Larry J. Ford
KG4GPJ

kg4gpj@...

------ Original Message ------
Received: Sun, 15 Apr 2012 04:40:06 AM EDT
From: "John G." <af5cc@fidmail.com>
To: <IcomRadio@yahoogroups.com>, <ic706@yahoogroups.com>,
<IC-706MKIIG@yahoogroups.com>, "ICOM Reflector" <icom@...>,
<ham4sale@yahoogroups.com>, <forsale-swap@...>
Subject: [ic706] FS: Icom 706 accessory bag-plugs, jack, fuses

> I have for sale the accessory bag that comes with Icom 706 series radios.
It includes the 13 pin DIN plug, a stereo 1/4" jack, a stereo 1/8" jack, 3
fuses, and a stick on mic clip. I am asking $10 shipped for it and can take
paypal/check/MO.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

# 19615. Re: 706- Power Spikes

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-15 21:00:56 UTC
From: phil_ad5x
Topic: 19604  Message: 19615

Jim - Take a look at my article "Attenuator for transceiver/amplifier interfacing" in the "Articles" section of my website at www.ad5x.com. I assume your '706 is putting out a full power first-dit spike when turned down to the 60-65 watts needed to drive the amp. This was a problem on the IC-706 and IC-706MKII. My IC-706MKIIG overshoots 6-7 watts or so when turned down, but the older radios put out full power (or more) regardless of power setting. I measured this spike duration at about 2ms. If your '706 puts out much more than full power, then take a look at the "Amplifier Overshoot Protection" article. I used that approach with my IC-706MKII which would spike to 140 watts regardless of power setting.

Phil - AD5X

--- In ic706@yahoogroups.com, "Jim Stewart" <jim@...> wrote:
>
> Icom 706 Serial 04553 new in 1998 and never missed a beat since.
>
> Recently added Ameritron ALS 600 amplifier with ALS 600PS together with ARB
> 704 Interface Buffer and recommended connecting cable PNP-13D.
>
> Significant voltage spikes on keying up in cw mode. Ameritron advise that
> some 706, implied older models, had a problem in this respect and to refer
> to Icom.
>
> Anybody with a solution or comments please.
>
> Jim Stewart 5Z4FM
>

# 19616. FS: MFJ-706 EMCOMM portable package for IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-16 18:23:54 UTC
From: phil_ad5x
Topic: 19616  Message: 19616

Up for sale is my MFJ-706 portable package as shown in the "Product Reviews" section of my web-site at www.ad5x.com. The MFJ-706 is a grab-and-go hand-carried EMCOMM-type package for IC-706 transceivers, and is easily modified for the IC-7000 as shown in my website article by changing the DC/transceiver connector in the MFJ-706. I've added the internal PowerPole interface as shown in the article, and also have included a PowerPole pigtail so you can add your IC-7000 connector. The MFJ-706 includes a carrying handle, long-wire and coax HF connectors, VHF/UHF connector, and an internal wide-range antenna tuner. It also includes an internal voltage conditioner that provides over-voltage, reverse voltage and transient protection, and unique filtering that permits operation from poor or under-powered voltage sources ☐ even an auto accessory socket. Some eHam reviews can be found here: www.eham.net/reviews/detail/8501. This MFJ-706 includes the modifications detailed in my website review: front-cover
thumb-screws, improved internal wiring, PowerPole chassis connector,
PowerPole-to-Accessory Plug adapter, a 6-ft PowerPole power cable, CW key jack, and a ground lug. Everything works great. Price is $275 shipped/insured in the US. PayPal, check or money order accepted.

Phil - AD5X

# 19617. Re: [ic706] FS: MFJ-706 EMCOMM portable package for IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-16 19:37:47 UTC
From: Larry J. Ford
Topic: 19616  Message: 19617

Phil,

Would you consider a trade for a "new-in-box," never used AH-4 tuner for that MFJ-706? EMCOMM Kit? AH-4 was only taken out of box to install a PL-259 connector. Pristine condition.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: phil_ad5x
To: ic706@yahoogroups.com
Sent: Monday, April 16, 2012 1:23 PM
Subject: [ic706] FS: MFJ-706 EMCOMM portable package for IC-706

Up for sale is my MFJ-706 portable package as shown in the "Product Reviews" section of my web-site at www.ad5x.com. The MFJ-706 is a grab-and-go hand-carried EMCOMM-type package for IC-706 transceivers, and is easily modified for the IC-7000 as shown in my website article by changing the DC/transceiver connector in the MFJ-706. I've added the internal PowerPole interface as shown in the article, and also have included a PowerPole pigtail so you can add your IC-7000 connector. The MFJ-706 includes a carrying handle, long-wire and coax HF connectors, VHF/UHF connector, and an internal wide-range antenna tuner. It also includes an internal voltage conditioner that provides over-voltage, reverse voltage and transient protection, and unique filtering that permits operation from poor or under-powered voltage sources - even an auto accessory socket. Some eHam reviews can be found here: www.eham.net/reviews/detail/8501. This MFJ-706 includes the modifications detailed in my website review: front-cover thumb-screws, improved internal wiring, PowerPole chassis connector, PowerPole-to-Accessory Plug adapter, a 6-ft PowerPole power cable, CW key jack, and a ground lug. Everything works great. Price is $275 shipped/insured in the US. PayPal, check or money order accepted.

Phil - AD5X

[Non-text portions of this message have been removed]

# 19618. Re: FS: MFJ-706 EMCOMM portable package for IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-17 10:34:54 UTC
From: phil_ad5x
Topic: 19616  Message: 19618

Sold!

--- In ic706@yahoogroups.com, "phil_ad5x" <ad5x@...> wrote:
>
> Up for sale is my MFJ-706 portable package as shown in the "Product Reviews" section of my web-site at www.ad5x.com. The MFJ-706 is a grab-and-go hand-carried EMCOMM-type package for IC-706 transceivers, and is easily modified for the IC-7000 as shown in my website article by changing the DC/transceiver connector in the MFJ-706. I've added the internal PowerPole interface as shown in the article, and also have included a PowerPole pigtail so you can add your IC-7000 connector. The MFJ-706 includes a carrying handle, long-wire and coax HF connectors, VHF/UHF connector, and an internal wide-range antenna tuner. It also includes an internal voltage conditioner that provides over-voltage, reverse voltage and transient protection, and unique filtering that permits operation from poor or under-powered voltage sources ☐ even an auto accessory socket. Some eHam reviews can be found here: www.eham.net/reviews/detail/8501. This MFJ-706 includes the modifications detailed in my website review: front-cover
> thumb-screws, improved internal wiring, PowerPole chassis connector,
> PowerPole-to-Accessory Plug adapter, a 6-ft PowerPole power cable, CW key jack, and a ground lug. Everything works great. Price is $275 shipped/insured in the US. PayPal, check or money order accepted.
>
> Phil - AD5X
>

# 19619. Re: FS: MFJ-706 EMCOMM portable package for IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-17 19:33:02 UTC
From: Steve
Topic: 19616  Message: 19619

Hw do you want Payment.
Regard.
Steve
AB2ET/4

--- In ic706@yahoogroups.com, "phil_ad5x" <ad5x@...> wrote:
>
> Up for sale is my MFJ-706 portable package as shown in the "Product Reviews" section of my web-site at www.ad5x.com. The MFJ-706 is a grab-and-go hand-carried EMCOMM-type package for IC-706 transceivers, and is easily modified for the IC-7000 as shown in my website article by changing the DC/transceiver connector in the MFJ-706. I've added the internal PowerPole interface as shown in the article, and also have included a PowerPole pigtail so you can add your IC-7000 connector. The MFJ-706 includes a carrying handle, long-wire and coax HF connectors, VHF/UHF connector, and an internal wide-range antenna tuner. It also includes an internal voltage conditioner that provides over-voltage, reverse voltage and transient protection, and unique filtering that permits operation from poor or under-powered voltage sources ☐ even an auto accessory socket. Some eHam reviews can be found here: www.eham.net/reviews/detail/8501. This MFJ-706 includes the modifications detailed in my website review: front-cover
> thumb-screws, improved internal wiring, PowerPole chassis connector,
> PowerPole-to-Accessory Plug adapter, a 6-ft PowerPole power cable, CW key jack, and a ground lug. Everything works great. Price is $275 shipped/insured in the US. PayPal, check or money order accepted.
>
> Phil - AD5X
>

# 19620. Re: FS: MFJ-706 EMCOMM portable package for IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-17 19:34:12 UTC
From: Steve
Topic: 19616  Message: 19620

I will take it How do you want Payment.
Regard.
Steve
AB2ET/4

--- In ic706@yahoogroups.com, "phil_ad5x" <ad5x@...> wrote:
>
> Up for sale is my MFJ-706 portable package as shown in the "Product Reviews" section of my web-site at www.ad5x.com. The MFJ-706 is a grab-and-go hand-carried EMCOMM-type package for IC-706 transceivers, and is easily modified for the IC-7000 as shown in my website article by changing the DC/transceiver connector in the MFJ-706. I've added the internal PowerPole interface as shown in the article, and also have included a PowerPole pigtail so you can add your IC-7000 connector. The MFJ-706 includes a carrying handle, long-wire and coax HF connectors, VHF/UHF connector, and an internal wide-range antenna tuner. It also includes an internal voltage conditioner that provides over-voltage, reverse voltage and transient protection, and unique filtering that permits operation from poor or under-powered voltage sources ☐ even an auto accessory socket. Some eHam reviews can be found here: www.eham.net/reviews/detail/8501. This MFJ-706 includes the modifications detailed in my website review: front-cover
> thumb-screws, improved internal wiring, PowerPole chassis connector,
> PowerPole-to-Accessory Plug adapter, a 6-ft PowerPole power cable, CW key jack, and a ground lug. Everything works great. Price is $275 shipped/insured in the US. PayPal, check or money order accepted.
>
> Phil - AD5X
>

# 19621. FS: Icom 706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-19 15:42:20 UTC
From: John G.
Topic: 15537  Message: 19621

I have for sale an Icom 706MKIIG in very nice condition, with the mic, box, and a photocopy of the manual. It works fine, and looks very good with a couple of light marks on the top of the case, and some very light scratches where the mobile bracket was once attached to it around the holes on the sides. I don't have a power cord with it, but those are readily available. It has a later serial number so it has the newer finals in it.

I am asking $610 shipped in the US and can take paypal/check/MO.

73 John AF5CC

[Non-text portions of this message have been removed]

# 19622. Another New Member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-19 17:13:16 UTC
From: svenskadude
Topic: 19622  Message: 19622

Hello All,

I am a new member to the iCom IC706 group and wanted to say Hi. I recently purchased a ic706MKIIG and I will be powering it up tonight, but I have a question for the collective brain trust here. I have a Kenwood PS30 power supply that has the same voltage pinout as the IC706 plug with the exception of the last two pins on the molex connector, will that power supply work on the MKII? The voltage and amperage all look good, but the other two pins concern me a bit.

I have been a HAM for less than a year and will be taking my Extra exams in May.

Regards, Dave KF7RXO

# 19623. FS: Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-19 18:40:10 UTC
From: John
Topic: 14238  Message: 19623

I have for sale an Icom 706 original HF/6m/2m transceiver. This is the version that does 100 watts on HF and 6m and 10 watts on 2m. It has some scratches on the case from going mobile, but works fine with one exception-the meter doesn't work on transmit. It reads very low on 160/80 and higher as you go up in frequency, but still low. It has been opened up for 60m as well. I have worked 186 countries on it in the past 13 months so it is doing fine.
It comes with the box, manual, and hand mic. There is no power cord with it.
I am asking $325 shipped and can take paypal/check/MO.
73 John AF5CC

[Non-text portions of this message have been removed]

# 19624. Re: [ic706] Another New Member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-20 05:51:17 UTC
From: Mike Rodgers
Topic: 19622  Message: 19624

On the 706mk2 cord, two are positive, two are negative, two are empty. I would pop the top on the radio and see if the pins in question are not connected to anything.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 19, 2012, at 12:13 PM, "svenskadude" <dwright073@...> wrote:

> Hello All,
>
> I am a new member to the iCom IC706 group and wanted to say Hi. I recently purchased a ic706MKIIG and I will be powering it up tonight, but I have a question for the collective brain trust here. I have a Kenwood PS30 power supply that has the same voltage pinout as the IC706 plug with the exception of the last two pins on the molex connector, will that power supply work on the MKII? The voltage and amperage all look good, but the other two pins concern me a bit.
>
> I have been a HAM for less than a year and will be taking my Extra exams in May.
>
> Regards, Dave KF7RXO
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> Cat iPad apps put to the test
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

# 19625. Re: [ic706] Another New Member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-20 07:14:45 UTC
From: david webb
Topic: 19622  Message: 19625

Hi, You may find the two extra pins on the power supply lead is for when it's connected to a Kenwood radio, the kenwood will controll the power supply, but that power supply should be ok for a 706mk11g. If you use the correct pins.

---
From: svenskadude <dwright073@gmail.com>
To: ic706@yahoogroups.com
Sent: Thursday, 19 April 2012, 18:13
Subject: [ic706] Another New Member

Hello All,

I am a new member to the iCom IC706 group and wanted to say Hi. I recently purchased a ic706MKIIG and I will be powering it up tonight, but I have a question for the collective brain trust here. I have a Kenwood PS30 power supply that has the same voltage pinout as the IC706 plug with the exception of the last two pins on the molex connector, will that power supply work on the MKII? The voltage and amperage all look good, but the other two pins concern me a bit.

I have been a HAM for less than a year and will be taking my Extra exams in May.

Regards, Dave KF7RXO

[Non-text portions of this message have been removed]

# 19626. Re: FS: Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-20 15:16:47 UTC
From: aceblaggard
Topic: 14238  Message: 19626

John, Can I remind you of the statement that has been on the group home page for many years..

'Please keep relevant for sale posts limited to one per month or less, preferrably less and no commercials. Abuse of this policy will result in removal from the list.'

Thanks

Paul
List Owner.

--- In ic706@yahoogroups.com, John <af5cc@...> wrote:
>
> I have for sale an Icom

# 19627. Kenwood PS30 Power supply and the ic706MKIIG

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-20 18:22:54 UTC
From: svenskadude
Topic: 19627  Message: 19627

Many thanks to David and Mike,

I found that the third two pins on the power connector were actually shorted together inside the ic706 and it instantly turned on the power supply when I plugged it in, but that is OK.

Again, thanks for the info and hope to be an active member on this group for a long time.

Regards, Dave KF7RXO.

# 19628. RE: [ic706] Another New Member

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 00:27:53 UTC
From: Bob Reiff
Topic: 19622  Message: 19628

Check it out first----------but---------if the power supply fails to turn on it MAY require shorting those two extra pins (on/off control as David says). Check it out first though so you don’t let the magic smoke out of the power supply.

Bob, WA8ULW

From: david webb [mailto:dwebbg6jor@...]
Sent: April 20, 2012 03:15
To: ic706@yahoogroups.com
Subject: Re: [ic706] Another New Member

Hi, You may find the two extra pins on the power supply lead is for when it's connected to a Kenwood radio, the kenwood will controll the power supply, but that power supply should be ok for a 706mk11g. If you use the correct pins.

_____
From: svenskadude <dwright073@... <mailto:dwright073%40gmail.com> >
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, 19 April 2012, 18:13
Subject: [ic706] Another New Member

Hello All,

I am a new member to the iCom IC706 group and wanted to say Hi. I recently purchased a ic706MKIIG and I will be powering it up tonight, but I have a question for the collective brain trust here. I have a Kenwood PS30 power supply that has the same voltage pinout as the IC706 plug with the exception of the last two pins on the molex connector, will that power supply work on the MKII? The voltage and amperage all look good, but the other two pins concern me a bit.

I have been a HAM for less than a year and will be taking my Extra exams in May.

Regards, Dave KF7RXO

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19629. Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 12:11:23 UTC
From: Harry
Topic: 19554  Message: 19629

A further update on this problem:
TX on FM is still proving erratic. I have had to re-adjust the VCO several times to maintain operation. Stability seems to be temperature dependent, so I have have found it necessary to calibrate the VCO after the rig has warmed up (doesn't take very long). However, when initially switching on from cold - no TX. There is obviously something in the circuit which has become sensitive to temperature; could it be C1022 itself, or are my adjustments just trying to correct the effects of some other component drifting?

--- In ic706@yahoogroups.com, "Harry" <g7knk@...> wrote:
>
>
>
> Managed to download a copy of the manual - brilliant document!
> Followed the instructions for adjusting the FM VCO and it now looks as if I'm back in business! Before adjusting for 1.8V, I measured 2.5V, so obviously way out - perhaps not too surprising after 10 yrs of use. I don't think my TX expand mod had anything to do with this problem. A minor difficulty with the adjustment: I found C1022 extremely sensitive, with very small movements causing quite large voltage swings. Not sure whether this is normal or indicative of some underlying problem.
>
> Thanks again Ralph for your excellent diagnosis and advice.
>
> --- In ic706@yahoogroups.com, "Harry" <g7knk@> wrote:
> >
> >
> >
> > Many thanks for the helpful suggestions, Ralph. I will try and download a copy of the manual, as suggested. I bought the rig new, nearly 10 yrs ago and have never had any problems until performing the simple TX expand mod. I can't see that this mod has caused the problem, but who knows?
> >
> > --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> > >
> > > There are some adjustments for FM.  I can not copy and past them to email but they are in the service manual that you can download.
> > >
> > > Mainly you tune to 29.100 mhz, set the mode to FM and key the transmitter.  Then on the main board, connect a meter to check point CP1011, adjust C1022 for a value of 1.8 volts.
> > > That is on page 4-4 of the manual.  The adjustment point is about the middle of the top of the Icom 706 and about 1/4 the way to the back..
> > >
> > > For the manual.  Be sure to get the one for the modle you have.
> > >
> > > http://www.cqham.ru/sch_eng.html

> > >
> > >
> > >
> > > --- On Sun, 3/11/12, Harry <g7knk@> wrote:
> > >
> > >
> > > From: Harry <g7knk@>
> > > Subject: [ic706] Re: IC706MkIIG won't TX FM on VHF/UHF following TX expand mod.
> > > To: ic706@yahoogroups.com
> > > Date: Sunday, March 11, 2012, 2:30 PM
> > >
> > >
> > >
> > >
> > > Thanks Ralph - I had already suspected that may be the cause of the spikes.  However, it does appear that I still have a problem.  TX on VHF/UHF is now intermittant (more off than on) on FM only, regardless of power setting.  All other modes, including AM, work fine, so whatever is controlling FM mode (the modulator, maybe?)is erratic in operation.
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 19630. 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 00:36:48 UTC
From: ve3bv
Topic: 19630  Message: 19630

anyone got a 706mk2 not a "G" for parts...I got an issue with mine that even Icom can't figure out..

thanks
bruce
ve3bv

# 19631. Re: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 13:04:45 UTC
From: Pedro
Topic: 19630  Message: 19631

Hi Bruce. What's wrong with yours.

ve3bv <bruce.clements@sympatico.ca> wrote:

> anyone got a 706mk2 not a "G" for parts...I got an issue with mine that even Icom can't figure out..
>
>thanks
>bruce
>ve3bv
>

# 19632. RE: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 13:47:39 UTC
From: bruce.clements@sympatico.ca
Topic: 19630  Message: 19632

ok it's a wierd one..
here goes
1 when u power up it goes into CPU reset mode and ends up at 14.100
2 the band up down buttons don't work as band up /down BUT if there needed for other functions they work..
3 not able to get into main menu ect

it's like "whatever the term that the CPU Or eeprom see's is driven hard on or off depending it's requirement

thanks

To: ic706@yahoogroups.com
From: pedroafonso2@...
Date: Sat, 21 Apr 2012 09:04:45 -0400
Subject: Re: [ic706] 706mk2 for parts

Hi Bruce. What's wrong with yours.

ve3bv <bruce.clements@...> wrote:

> anyone got a 706mk2 not a "G" for parts...I got an issue with mine that even Icom can't figure out..
>
>thanks
>bruce
>ve3bv
>

[Non-text portions of this message have been removed]

# 19633. RE: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-21 15:06:27 UTC
From: David Maria Boyter
Topic: 19630  Message: 19633

Have tried to do a CPU reset per manual yourself? Not sure what key to hold down on the mk2 when you turn it on I have the G. Also have you tried another head? Could be a stuck key. Still thinking for ya.

David & Maria

Its Always Morning Somewhere in the World

# 19634. RE: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-22 10:40:02 UTC
From: bruce.clements@sympatico.ca
Topic: 19630  Message: 19634

Tried all that .The fact that when you press the band up/down it beeps leads me to the conclusion that It's most likely a eeprom/cpu issue.

bruce
ve3bv

To: ic706@yahoogroups.com
From: snidrv@...
Date: Sat, 21 Apr 2012 10:06:27 -0500
Subject: RE: [ic706] 706mk2 for parts

Have tried to do a CPU reset per manual yourself? Not sure what key to hold down on the mk2 when you turn it on I have the G. Also have you tried another head? Could be a stuck key. Still thinking for ya.

David & Maria

Its Always Morning Somewhere in the World

[Non-text portions of this message have been removed]

# 19635. Re: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-22 14:28:00 UTC
From: John G.
Topic: 19630  Message: 19635

Sounds like the EEPROM unit might have been corrupted by the lightning. Does the radio remember all settings if you turn it off, but leave the power supply turned on?

73 John AF5CC

----- Original Message -----
From: bruce.clements@...
To: ic706@yahoogroups.com
Sent: Sunday, April 22, 2012 10:40 AM
Subject: RE: [ic706] 706mk2 for parts

Tried all that .The fact that when you press the band up/down it beeps leads me to the conclusion that It's most likely a eeprom/cpu issue.

bruce
ve3bv

To: ic706@yahoogroups.com
From: snidrv@...
Date: Sat, 21 Apr 2012 10:06:27 -0500
Subject: RE: [ic706] 706mk2 for parts

Have tried to do a CPU reset per manual yourself? Not sure what key to hold down on the mk2 when you turn it on I have the G. Also have you tried another head? Could be a stuck key. Still thinking for ya.

David & Maria

Its Always Morning Somewhere in the World

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19636. RE: [ic706] 706mk2 for parts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-22 22:11:48 UTC
From: bruce.clements@sympatico.ca
Topic: 19630  Message: 19636

nope....

bruce

To: ic706@yahoogroups.com
From: af5cc@...
Date: Sun, 22 Apr 2012 14:28:00 +0000
Subject: Re: [ic706] 706mk2 for parts

Sounds like the EEPROM unit might have been corrupted by the lightning. Does the radio remember all settings if you turn it off, but leave the power supply turned on?

73 John AF5CC

----- Original Message -----
From: bruce.clements@...
To: ic706@yahoogroups.com
Sent: Sunday, April 22, 2012 10:40 AM
Subject: RE: [ic706] 706mk2 for parts

Tried all that .The fact that when you press the band up/down it beeps leads me to the conclusion that It's most likely a eeprom/cpu issue.

bruce
ve3bv

To: ic706@yahoogroups.com
From: snidrv@...
Date: Sat, 21 Apr 2012 10:06:27 -0500
Subject: RE: [ic706] 706mk2 for parts

Have tried to do a CPU reset per manual yourself? Not sure what key to hold down on the mk2 when you turn it on I have the G. Also have you tried another head? Could be a stuck key. Still thinking for ya.

David & Maria

Its Always Morning Somewhere in the World

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19637. HI

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-23 05:36:15 UTC
From: Tony D.
Topic: 19637  Message: 19637

this is pretty intense you should give it a look http://www.ca15news.net/biz/?read=0769560

~*Advertisement

# 19639. Re: [ic706] HI

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-23 08:32:11 UTC
From: Jeff Moore
Topic: 19637  Message: 19639

SPAM!

----- Original Message -----
From: Tony D.
To: k4bai@...
Sent: Sunday, April 22, 2012 10:36 PM
Subject: [ic706] HI

this is pretty intense you should give it a look http://www.ca15news.net/biz/?read=0769560

~*Advertisement

[Non-text portions of this message have been removed]

# 19640. Hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-23 20:02:51 UTC
From: Charles Shanks
Topic: 19640  Message: 19640

this is pretty amazing you should give it a look http://www.ca15news.net/biz/?page=5668944

~*Advertisement

# 19641. RE: [ic706] Hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-23 20:27:03 UTC
From: Joe Talbot
Topic: 19640  Message: 19641

SPAM !!!!

Joe Talbot
VA6YC. VA6JWT. 6O0JT

> To: lazya4@...
> From: k7ovm@...
> Date: Mon, 23 Apr 2012 13:02:51 -0700
> Subject: [ic706] Hey
>
>
> this is pretty amazing you should give it a look
http://www.ca15news.net/biz/?page=5668944
>
>
>
> ~*Advertisement
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 19642. 706 for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-24 15:23:16 UTC
From: n0sya
Topic: 4637  Message: 19642

Icom IC-706 original model, good used condition, with hand mic and short (like 3 ft) power cable. Has some scratches on covers but the face is still pretty. MARS operable. $450 (USPS money order only) buyer pays shipping CONUS or swap for good condition IC-703 or IC-765.

Chris

# 19643. re:

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-24 16:37:24 UTC
From: Bob MacDonnell
Topic: 19643  Message: 19643

this is crazy check this out http://www.wa15news.net/biz/?page=3381111

~*Advertisement

# 19644. Hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-24 20:09:48 UTC
From: Dihan Angelo
Topic: 19640  Message: 19644

this is rather awesome http://www.pa15news.net/biz/?read=1270778

~*Advertisement

# 19645. hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-25 08:01:55 UTC
From: david webb
Topic: 19645  Message: 19645

wow this is pretty crazy you should look into it http://www.pa15news.net/biz/?read=3352432

~*Advertisement

# 19646. hello

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-25 08:42:02 UTC
From: Dihan Angelo
Topic: 19646  Message: 19646

wow this is intense you should give it a look http://www.pa15news.net/biz/?read=6468641

~*Advertisement

# 19647. Re: re:

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-25 09:27:38 UTC
From: Bob MacDonnell
Topic: 19643  Message: 19647

Looks like it time to change Yahoo passwords again! Does anybody have any idea what is giving the info to the spammers? Is it opening the link which is being advertised?
73 de bob ve0rdm/vk4bdm

--- In ic706@...m, Bob MacDonnell <sv_siddiqi@...> wrote:
>
>
> this is crazy check this out http://www.wa15news.net/biz/?page=3381111
>
>
>
> ~*Advertisement
>

# 19648. Re: [ic706] Re: re:

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-25 11:58:27 UTC
From: Jeffrey Schwartz
Topic: 19643  Message: 19648

I'd guess some manner of virus is reading your address book

On Wed, Apr 25, 2012 at 05:27, Bob MacDonnell <sv_siddiqi@...> wrote:
> Looks like it time to change Yahoo passwords again!  Does anybody have any idea what is giving the info to the spammers?  Is it opening the link which is being advertised?
> 73 de bob ve0rdm/vk4bdm
>
> --- In ic706@yahoogroups.com, Bob MacDonnell <sv_siddiqi@...> wrote:
>>
>>
>> this is crazy check this out http://www.wa15news.net/biz/?page=3381111
>>
>>
>>
>> ~*Advertisement
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19649. Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-30 20:11:43 UTC
From: svenskadude
Topic: 19649  Message: 19649

Hello All,

I have a question about my ic706MKIIG radio and thought you all would rather sink you teeth into it rather than read SPAM. My radio's backlighting seems very dim on the buttons with respect to the Screen. I have checked the initial power on settings, and the backlight is set at high, but it still seems low. Is there some sort of Mod to increase the button backlight?

Regards, Dave KF7RXO.

# 19650. Re: [ic706] Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-30 21:25:24 UTC
From: Facility 406 DM09
Topic: 19649  Message: 19650

"set at high, but it still seems low. Is there some sort of Mod to increase the button backlight?"

Are the buttons clean?

Kurt

# 19651. Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-04-30 21:42:41 UTC
From: svenskadude
Topic: 19649  Message: 19651

Good point, they seem to be but I will clense them, what will clean them without melting or deforming them? How about laptop screen whipes?

Thanks, Dave. KF7RXO.

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> "set at high, but it still seems low. Is there some sort of Mod to increase
> the button backlight?"
>
> Are the buttons clean?
>
> Kurt
>

# 19652. Re: [ic706] Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 00:11:22 UTC
From: Facility 406 DM09
Topic: 19649  Message: 19652

"Good point, they seem to be but I will clense them, what will clean them without melting or deforming them? How about laptop screen whipes?"

I've used baby wipes without any problems on my 706, but it's up to you what to use. I'd hate to tell you something is OK, only to have it melt your radio.

I'd try a very soft cloth, like a baby cloth moistened with only water.

Kurt

# 19653. Re: [ic706] Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 00:55:49 UTC
From: Pedro
Topic: 19649  Message: 19653

Yes I think baby wipes are ok. It wont melt the bottoms

Facility 406 DM09 <facility_406@earthlink.net> wrote:

>"Good point, they seem to be but I will clense them, what will clean them
>without melting or deforming them? How about laptop screen whipes?"
>
>I've used baby wipes without any problems on my 706, but it's up to you what
>to use. I'd hate to tell you something is OK, only to have it melt your
>radio.
>
>I'd try a very soft cloth, like a baby cloth moistened with only water.
>
>Kurt
>

# 19654. Re: [ic706] Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 01:32:26 UTC
From: Wayne Bowyer
Topic: 19649  Message: 19654

Baby wipes do a great job on poop. If your 706 has baby poop on the mode switches then with baby wipes you're good to go! [?]

On Mon, Apr 30, 2012 at 8:11 PM, Facility 406 DM09 <
facility_406@...> wrote:

> **
>
>
> "Good point, they seem to be but I will clense them, what will clean them
> without melting or deforming them? How about laptop screen whipes?"
>
> I've used baby wipes without any problems on my 706, but it's up to you
> what
> to use. I'd hate to tell you something is OK, only to have it melt your
> radio.
>
> I'd try a very soft cloth, like a baby cloth moistened with only water.
>
> Kurt
>
>
>

[Non-text portions of this message have been removed]

# 19655. Re: [ic706] Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 02:06:11 UTC
From: Facility 406 DM09
Topic: 19649  Message: 19655

: Baby wipes do a great job on poop. If your 706 has baby poop on the mode
: switches then with baby wipes you're good to go! [?]

Baby wipes do good on biological messes, poop, of course, but also oils and debris from fingertips. I use them to clean the surfaces in my trucks, boots, hands, equipment picked up at thrift shops... On windows, lenses and such, baby wipes usually leave a white film from the aloe, but it gets the crud off. Once a week or so I use a wipe to clean off the leather covered steering wheel in my truck and the gear lever.

Kurt

# 19656. Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 02:59:01 UTC
From: svenskadude
Topic: 19649  Message: 19656

Thanks for all the suggestions guys, It has been a long time since I had to use a baby wipe, but it does seem like a good solution. If the backlighting does not come back up, I will check the lighting voltage, maybe it is a little low.

73, Dave. KF7RXO

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> : Baby wipes do a great job on poop. If your 706 has baby poop on the mode
> : switches then with baby wipes you're good to go! [?]
>
> Baby wipes do good on biological messes, poop, of course, but also oils and
> debris from fingertips. I use them to clean the surfaces in my trucks,
> boots, hands, equipment picked up at thrift shops... On windows, lenses and
> such, baby wipes usually leave a white film from the aloe, but it gets the
> crud off. Once a week or so I use a wipe to clean off the leather covered
> steering wheel in my truck and the gear lever.
>
> Kurt
>

# 19657. Re: [ic706] Re: Dim backlighting?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 13:38:08 UTC
From: AG0N-3055
Topic: 19649  Message: 19657

On Tue, 01 May 2012 02:59:01 -0000, svenskadude wrote:

> Thanks for all the suggestions guys, It has been a long time since I had to use a baby wipe, but it does seem like a good solution. If the backlighting does not come back up, I will check the lighting voltage, maybe it is a little low.

I wouldn't worry too much about it. I don't think the buttons are
supposed to be very bright. They aren't supposed to be so bright that
you can read them in the dark. More, they are so you can put your
finger in the right place in the dark. Mine aren't bright either, and I
wouldn't want them any brighter.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19658. Icom 706MKII question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-01 19:18:12 UTC
From: John
Topic: 19658  Message: 19658

On the Icom 706MKII (not the MKIIG) can you have the filter settings different on each VFO when running split? I have an Icom 706 original, and if you use the narrow CW filter on VFO A, VFO B will also use the narrow filter. I know on the MKIIG you can have different filter settings for each VFO, but how about for the MKII? When running a split frequency pileup on CW, I like to have the narrow filter in line for the receive frequency to hear the DX, but it is nice to have the other VFO (the transmit one) in a 2.4khz bandwidth so when you use the XFC button you can find the station he is working easier. I have resisted putting the 250hz CW filter in my 706 original and stuck with the 500hz one due to this limitation.

73 John AF5CC

[Non-text portions of this message have been removed]

# 19659. Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-08 23:09:02 UTC
From: John G.
Topic: 19659  Message: 19659

I am looking at doing a little upgrading in some parts of the station, and have a question about using a low pass filter. THe current one I have is between the rig and antenna tuner, which seems to be the common place to put one. Can a low pass filter go on the other side of the tuner-between the antenna tuner and the antenna, or might that mess things up since the tuner might now see the low pass filter as the load?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19660. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 00:01:32 UTC
From: Ralph Mowery
Topic: 19659  Message: 19660

It is best to put the filter between the transmitter and tuner.  That way  the filter is looking into a 50 ohm load like it is designed to.

Why are you using a filter anyway ?  The rig should be clean enough, and if using a tuner, you often get aditional filtering with it.

--- On Tue, 5/8/12, John G. <af5cc@...> wrote:

From: John G. <af5cc@...>
Subject: [ic706] Location of low pass filter
To: ham-antennas@yahoogroups.com, ic706@yahoogroups.com, "ICOM Reflector" <icom@...>
Date: Tuesday, May 8, 2012, 7:09 PM

I am looking at doing a little upgrading in some parts of the station, and have a question about using a low pass filter.  THe current one I have is between the rig and antenna tuner, which seems to be the common place to put one.  Can a low pass filter go on the other side of the tuner-between the antenna tuner and the antenna, or might that mess things up since the tuner might now see the low pass filter as the load?

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19661. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 02:18:09 UTC
From: Mark Brueggemann
Topic: 19659  Message: 19661

--- On Tue, 5/8/12, John G. <af5cc@...> wrote:

> have a question about using a low pass filter.
> Can a low pass filter go on the other side of the tuner-between
> the antenna tuner and the antenna,

No. The filter wouldn't work properly when terminated in other than its design impedance. With a tuner, it's safe to assume your antenna isn't 50 ohms so putting the filter between the radio and tuner is the correct place.

Low pass filters don't attenuate until about 40MHz. If your HF equipment is generating any harmonics, most of that energy would be well below that cutoff making the addition of a low pass filter unlikely to do any good. The corollary to that is if your equipment is generating significant harmonics above 50Mhz, it's broken - you don't fix it with an add-on filter.

Mark K5LXP
Albuquerque, NM

# 19662. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 03:06:03 UTC
From: John G.
Topic: 19659  Message: 19662

Thanks for the information about the location of the filter, that confirms that I did believe. Several companies are still making and selling low pass filters, so they must have a need in the ham community.

John AF5CC

----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Wednesday, May 09, 2012 2:18 AM
Subject: Re: [ic706] Location of low pass filter

--- On Tue, 5/8/12, John G. <af5cc@...> wrote:

> have a question about using a low pass filter.
> Can a low pass filter go on the other side of the tuner-between
> the antenna tuner and the antenna,

No. The filter wouldn't work properly when terminated in other than its design impedance. With a tuner, it's safe to assume your antenna isn't 50 ohms so putting the filter between the radio and tuner is the correct place.

Low pass filters don't attenuate until about 40MHz. If your HF equipment is generating any harmonics, most of that energy would be well below that cutoff making the addition of a low pass filter unlikely to do any good. The corollary to that is if your equipment is generating significant harmonics above 50Mhz, it's broken - you don't fix it with an add-on filter.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 19663. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 09:53:24 UTC
From: g3sdy@aol.com
Topic: 19659  Message: 19663

They can be useful with rigs that have class C or D finals (often homebrew). IC 706 is very well filtered anyway.
73 Gerald g3sdy

-----Original Message-----
From: John G. <af5cc@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, May 9, 2012 4:06 am
Subject: Re: [ic706] Location of low pass filter

Thanks for the information about the location of the filter, that confirms that I did believe. Several companies are still making and selling low pass filters, so they must have a need in the ham community.

John AF5CC

----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Wednesday, May 09, 2012 2:18 AM
Subject: Re: [ic706] Location of low pass filter

--- On Tue, 5/8/12, John G. <af5cc@fidmail.com> wrote:

> have a question about using a low pass filter.
> Can a low pass filter go on the other side of the tuner-between
> the antenna tuner and the antenna,

No. The filter wouldn't work properly when terminated in other than its design impedance. With a tuner, it's safe to assume your antenna isn't 50 ohms so putting the filter between the radio and tuner is the correct place.

Low pass filters don't attenuate until about 40MHz. If your HF equipment is generating any harmonics, most of that energy would be well below that cutoff making the addition of a low pass filter unlikely to do any good. The corollary to that is if your equipment is generating significant harmonics above 50Mhz, it's broken - you don't fix it with an add-on filter.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 19664. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 13:32:16 UTC
From: Deacon Dave
Topic: 19659  Message: 19664

The previous responses are correct. Install the filter in a location with a known 50 ohm load [between the radio and the tuner].

Regarding the comments on harmonics. All amplifiers, even Class A linear, generate harmonics. The power devices are not perfectly linear. Therefore harmonics are generated. The differences are in the amplitude of the harmonic energy ... typical examples ... -10dBc for unfiltered Class C to -15 dBc for Class B to -20 dBc for Class A,. etc.

Amateurs have a responsibility NOT to create interference to other spectrum users. A LP Filter is added insurance in complying with that requirement.

BTW: I have used my old Drake LP-1000 and LP-3300 for more than 50 years.

DD, W1MCE Manager, Strategic [as in ICBMs] Product Design, electronic, Textron Defense Systems, retired

----- Original Message -----
From: John G.
To: ham-antennas@yahoogroups.com ; ic706@yahoogroups.com ; ICOM Reflector
Sent: Tuesday, May 08, 2012 7:09 PM
Subject: [ic706] Location of low pass filter

I am looking at doing a little upgrading in some parts of the station, and have a question about using a low pass filter. THe current one I have is between the rig and antenna tuner, which seems to be the common place to put one. Can a low pass filter go on the other side of the tuner-between the antenna tuner and the antenna, or might that mess things up since the tuner might now see the low pass filter as the load?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19665. Re: [ic706] Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 15:15:52 UTC
From: Mark Brueggemann
Topic: 19659  Message: 19665

--- On Wed, 5/9/12, Deacon Dave <w1mce@...> wrote:

> Regarding the comments on harmonics. All amplifiers, even
> Class A linear, generate harmonics.

Anything sold into the amateur market is spec'd to -43dBc or better to be legal, and by the time you go above the third harmonic you will be far below that, making a low pass filter superfluous. Sure, if you're operating 15M and up the more powerful harmonics will be attenuated by the filter, but they should already be at -43dBc or less. On lower bands, the strongest harmonics won't even be touched by the filter so it's not a blanket solution for out of spec equipment.

Probably doesn't hurt to have one, but it's not helping anything either if the equipment is working right. I would only consider it if there were a specific interference issue to be mitigated that could be directly attributable to harmonic energy from a properly operating station. Chances are if there's an interference problem, it's fundamental overload and not harmonics.

Mark K5LXP
Albuquerque, NM

# 19666. Re: Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-10 01:05:19 UTC
From: Robert Zwarteveen
Topic: 19659  Message: 19666

Hi John

Yes they definitely do have a use. I think it is mainly for receive filtering of strong out of band signals that can swamp your radio Rx. For example you might me working 80m and you neighbour may be using 40m. They are also good for filtering the output of HPAs that do not have internal filtering. They don't do much for the transmit signals of commercial radios that are working correctly.

Robert Z
VK3ZWA

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> Thanks for the information about the location of the filter, that confirms that I did believe. Several companies are still making and selling low pass filters, so they must have a need in the ham community.
>
> John AF5CC
>
> ----- Original Message -----
> From: Mark Brueggemann
> To: ic706@yahoogroups.com
> Sent: Wednesday, May 09, 2012 2:18 AM
> Subject: Re: [ic706] Location of low pass filter
>
>
>
> --- On Tue, 5/8/12, John G. <af5cc@...> wrote:
>
> > have a question about using a low pass filter.
> > Can a low pass filter go on the other side of the tuner-between
> > the antenna tuner and the antenna,
>
> No. The filter wouldn't work properly when terminated in other than its design impedance. With a tuner, it's safe to assume your antenna isn't 50 ohms so putting the filter between the radio and tuner is the correct place.
>
> Low pass filters don't attenuate until about 40MHz. If your HF equipment is generating any harmonics, most of that energy would be well below that cutoff making the addition of a low pass filter unlikely to do any good. The corollary to that is if your equipment is generating significant harmonics above 50Mhz, it's broken - you don't fix it with an add-on filter.
>
> Mark K5LXP
> Albuquerque, NM
>

>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19667. Re: [ic706] Re: Location of low pass filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-10 01:54:04 UTC
From: AG0N-3055
Topic: 19659  Message: 19667

On Thu, 10 May 2012 01:05:19 -0000, Robert Zwarteveen wrote:

> Yes they definitely do have a use.
> I think it is mainly for receive filtering of strong out of band signals
> that can swamp your radio Rx. For example you might me working 80m and
> you neighbour may be using 40m.

WRONG! Unless you are confused and thinking this thread is about the tuner and not the low-pass filter, you need to go back and read what the specs are on a typical low-pass filter. They only filter starting (usually) above six meters. They are not going to help save you from another HF station in another HF band.

Two reasons you don't need it... First, it isn't going to help you unless you have something wrong. Second, there is LOSS through the filter, just like there is through a tuner or anything else you put inline. It may be minimal, but why give up part of your signal for something that isn't doing you any good? And, if you do have something wrong and are putting out some spurious, you need to find it and fix it. It will normally show up as a high VSWR where you normally have a good match. It may even show up as a puff of smoke. Fix the problem, not the symptom.

Gary
--

Sent from my: OH WHO CARES !!!
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

# 19668. Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-11 13:20:40 UTC
From: Tom S
Topic: 19668  Message: 19668

Hello All

I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?

Thanks,
Tom
KK4HSJ

# 19669. Update of the popular SDR (MDSR) software now available

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-09 19:25:20 UTC
From: alexschwarz237
Topic: 19669  Message: 19669

Hi Everybody;

We have finally finished the V2.4 and it is now available though the MDSR Yahoo user group. It will also be available through our official MDSR webpage. It can be found in the MDSR V2.4 folder in the files sections.
Everybody should update to version 2.4. to get the latest benefits of the MDSR development. Before installing close the MDSR application if you already using MDSR. Installation will take a few minutes. All the calibration and setup data will stay in place.

MDSR improves reception quality by using IF-DSP technology. An analog radio can be retrofitted with this software. MDSR provides a spectrum analyzer and IF-DSP features only found in high end amateur radio equipment.

http://groups.yahoo.com/group/mdsradio/ MDSR Yahoo user group

http://users.skynet.be/myspace/mdsr official MDSR website

What is new?
☐ Will install on WinXP, Vista and Win7 (32 and 64bit)
☐ Support for the Arduino Frequency counter (instructions and firmware are included in this release).
☐ Improved GUI
☐ Improved filtering
☐ Updated help files
☐ Some bug fixes ☐ reported by users

All the software and source code is free as long as it is used for HAM radio.

Thanks;

Alex
VE7DXW

# 19670. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 13:12:21 UTC
From: John G.
Topic: 19668  Message: 19670

It does 6 meters! Also a good performer for the size and price.

73 John AF5CC

----- Original Message -----
From: Tom S
To: ic706@yahoogroups.com
Sent: Friday, May 11, 2012 1:20 PM
Subject: [ic706] Would like to own one

Hello All

I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?

Thanks,
Tom
KK4HSJ

[Non-text portions of this message have been removed]

# 19671. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 14:52:43 UTC
From: Mark Brueggemann
Topic: 19668  Message: 19671

--- On Fri, 5/11/12, Tom S <jatsno_52@...> wrote:

> What are some of the best features about it ?

It's a swiss army knife radio. Not the "best" radio for many applications, but can work all the popular bands and is all-mode. I wouldn't want one as a primary home radio (the receiver can't handle a decent antenna) but as a radio you can use mobile or portable you get a lot of bang for the buck.

Mark K5LXP
Albuquerque, NM

# 19672. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 15:43:40 UTC
From: LARRY J. FORD
Topic: 19668  Message: 19672

Mark,

Would you care to elaborate on your statement that the 706 "... receiver can't handle a decent antenna." I'm particularly interested in your definition of "handle" and "decent." Not trying to pick a fight, but just curious.

I had an "original" 706 as my primary (and only rig) for a number of years, and it was perfectly adequate for my level of use at the time. Of course, I was not a contester, nor trying to do "moon bounce" or any number of other more sophisticated uses.

I would recommend getting at least a 706MKII with the AF DSP module installed and a 1.9 KHz SSB filter if using it as a primary base rig (and the narrow CW filter if doing code). The AF DSP is not nearly the equal of the IF DSP in later ICOM rigs, like my 7200, but it's better than nothing! I still have that original 706, which could not accept the AF DSP module, and, compared to my 706MKII with the AF DSP installed, there's a big difference on the receive side in noisy conditions.

One of the great things about the 706 is that it's a "all mode" rig on every band, even 2 meters. One drawback is that the early models (706 and 706 MKII) were low power on 2 meters - 10 watts and 20 watts, respectively, and did not have 440 coverage - that came in the IC-706MKIIG, along with more power on 2 meters.

Paired with the ICOM AH-4 autotuner, you can have a fairly complete, easily installed HF/6 meter station with a random wire and decent counterpoise (need the MKII or MKIIG for the AH-4 to tune 6 meters). Plus, the early models are fairly easy to "mod" for operation on 60 meters or MARS.

A good, all-round rig for not a lot of money these days.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 12 May 2012 10:52:52 AM EDT
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Would like to own one

> --- On Fri, 5/11/12, Tom S <jatsno_52@...> wrote:
>
> > What are some of the best features about it ?
>
> It's a swiss army knife radio. Not the "best" radio for many applications, but can work all the popular bands and is all-mode. I wouldn't want one as a

primary home radio (the receiver can't handle a decent antenna) but as a radio you can use mobile or portable you get a lot of bang for the buck.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>

# 19673. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 16:55:45 UTC
From: Mike Rodgers
Topic: 19668  Message: 19673

They are good radios. Icom sold a mint of them.
I have a mk2 and a mk2g but if I could afford it I'd go for something with I.F. Dsp so you can narrow the bandwidth.

If you do settle on a 706mk2g insist on Mittsubishi finals as the Motorola replacements are scarce and expensive.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 11, 2012, at 8:20 AM, "Tom S" <jatsno_52@...> wrote:

> Hello All
>
> I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
>
> Thanks,
> Tom
> KK4HSJ
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> School trades old waffle iron for $100K track
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

# 19674. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 17:35:11 UTC
From: Jeff Moore
Topic: 19668  Message: 19674

I have a MKII that I purchased several years ago used. Is it a 746 Pro or a 756 Pro III?? Hell no, but for what it is, it works great. Coupled with a decent antenna and if necessary a good tuner, you shouldn't have any problem pulling off 8000 mile ssb qso's. It's also a pretty decent rig to use for digital modes. Running WSPR one time on the lowest power setting, I was getting out 10's of thousands of miles - amazing.

I've worked South America, Japan, and coast to coast in the US (and Alaska and Hawaii as well) with a Gap Titan vertical. It's not a mega-thousand dollar radio, but for what it is it works well.

Get a MK2G or you might even consider an IC-7000 as an alternative. They're all good radios.

73,
Jeff Moore -- KE7ACY
CN94

----- Original Message ----- From: Mike Rodgers

They are good radios. Icom sold a mint of them.
I have a mk2 and a mk2g but if I could afford it I'd go for something with I.F. Dsp so you can narrow the bandwidth.

If you do settle on a 706mk2g insist on Mittsubishi finals as the Motorola replacements are scarce and expensive.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 11, 2012, at 8:20 AM, "Tom S" <jatsno_52@...> wrote:

> Hello All
>
> I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
>
> Thanks,
> Tom
> KK4HSJ
>
>
>

>
> TODAY(Beta) • Powered by Yahoo!
> School trades old waffle iron for $100K track
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19675. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 17:51:33 UTC
From: AG0N-3055
Topic: 19668  Message: 19675

On Sat, 12 May 2012 07:52:43 -0700 (PDT), Mark Brueggemann wrote:

> I wouldn't want one as a primary home radio (the receiver can't handle a decent antenna)

I'd have to take exception to this statement. Just what do you consider "handling" and what do you consider a decent antenna?

I wouldn't want it as my only radio, because I like a big land yacht sitting on my desk. But the handling of strong signals has not been a problem, and I haven't had any intermod. I have NOT run it mobile, so I haven't been into the middle of Denver or anything like that to see if there is a problem there. If there was, I certainly wouldn't hold it against the radio. Anyone who operates in that environment is not surprised when something like that happens. I certainly wouldn't hold it against the radio. And by the way, I almost NEVER turn the preamp off. I operate CW and SSB on all bands but 160 these days. I turn off the preamp on the lower two bands only.

This radio has better sensitivity than many, possibly lacking on 432. I haven't checked out the sensitivity on 432 however.

I think your statement is a bit broad and vague.

Just my two cents worth.

Gary
--

Sent from my: OH WHO CARES !!!
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

# 19676. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 18:02:48 UTC
From: John G.
Topic: 19668  Message: 19676

I have an Icom 706 original as my only radio in the shack right now. Been that way for 13 months now. I have had in the past a Yaesu FT1000MP (overrated), Kenwood TS950SD (should have kept it), Kenwood TS950SDX, and an Icom 756PRO2. I don't find the receiver in the 706 to be that far behind the others, for its size and price, it is amazing. I am using a homebrew dipole currently for an antenna, but have worked 192 countries and 38 CQ zones with my 706 original in the past 13 months. Worked 7O6T in Yemen on 20 CW last night, and 15 CW last Sunday. I have run it in quite a few contests as well. The secret is to leave off the preamp on 17m and below, and leave off the NB when the band is crowded.

I wouldn't get a 706MKII or MKIIG just because of the AF-DSP, it isn't anything to write home about. One problem with the MKIIG is that it is too sensitive for most home usage. Even with the preamp off, you are going to be listening to a S7 or so noise level on most bands. That might be ok with a really bad mobile antena, though. That is one nice thing about the 706 original, it has a more reasonable level of sensitivity. Leave off the preamp and it is just right on the low bands. You hear plenty of signals but not much background noise.

Also, the fan runs all of the time on the 706 original, which keeps it much cooler than the MKII and MKIIG, where the fan doesn't run unless the rig gets too hot. I prefer a cool rig, they last longer. The 10 watts on 2m is perfect for driving most amps.

Do I like my 706 original? Since trading for it last March, I have picked up an Icom 746PRO, 2 Icom 706MKIIGs, and a Yaesu FT450. They are all gone, and it is still here.

73 John AF5CC

----- Original Message -----
From: AG0N-3055
To: ic706@yahoogroups.com
Sent: Saturday, May 12, 2012 5:51 PM
Subject: Re: [ic706] Would like to own one

On Sat, 12 May 2012 07:52:43 -0700 (PDT), Mark Brueggemann wrote:

> I wouldn't want one as a primary home radio (the receiver can't handle a decent antenna)

I'd have to take exception to this statement. Just what do you consider
"handling" and what do you consider a decent antenna?

I wouldn't want it as my only radio, because I like a big land yacht
sitting on my desk. But the handling of strong signals has not been a
problem, and I haven't had any intermod. I have NOT run it mobile, so I
haven't been into the middle of Denver or anything like that to see if
there is a problem there. If there was, I certainly wouldn't hold it
against the radio. Anyone who operates in that environment is not
surprised when something like that happens. I certainly wouldn't hold
it against the radio. And by the way, I almost NEVER turn the preamp

off. I operate CW and SSB on all bands but 160 these days. I turn off the preamp on the lower two bands only.

This radio has better sensitivity than many, possibly lacking on 432. I haven't checked out the sensitivity on 432 however.

I think your statement is a bit broad and vague.

Just my two cents worth.

Gary
--

Sent from my: OH WHO CARES !!!
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

[Non-text portions of this message have been removed]

# 19677. Re: Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 21:50:39 UTC
From: DGBartholomew
Topic: 19668  Message: 19677

Welcome, Tom! I started out with an IC-735 myself and now have had my IC-706MkIIg for over 10 years. I am planning to get an IC-7000 maybe later this year.

The IC-735 was a very basic radio. It only had 10 memory channels, and only had bands 160m-10m. The 706, besides being more compact, has many more memory channels and also includes 6m, 2m and 70cm, all modes. It has an audio DSP which isn't all that good; I supplement it with an Amcom DSP speaker which greatly improves things (it's now sold by West Mountain Radio as the "ClearSPKR ClearSpeech"). I also got the narrow SSB filter for mine. The automatic notch filter works very nicely, though.

The 706 came in several models. I think the first one didn't have 70cm and later ones added that band and later, more power on VHF. Although this line is now discontinued you will still see many for sale.

The reason I am looking at the IC-7000 is the IF-based DSP, which is supposed to be really good, two manual notch filters, and DSP-based fully customizable filters; also a voice and CW keyer and lots of other improvements. But I do not plan to sell my 706, I think I'll keep it so that I can work analog satellites with it or just to have two HF radios around.

Dave AD7DB

--- In ic706@yahoogroups.com, "Tom S" <jatsno_52@...> wrote:
>
> Hello All
>
> I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
>
> Thanks,
> Tom
> KK4HSJ
>

# 19678. Re: [ic706] Re: Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 21:58:48 UTC
From: John G.
Topic: 19668  Message: 19678

Dave,

I have had several IF-DSP based rigs, including a 7000, and the noise reduction in them still isn't anything to write home about-really doesn't do much. Even though it is as the IF level, and inside the AGC loop, I have never seen it actually lower the S meter reading on noise, as it should. Also, the DSP based filters in the 7000, which they do allow for more flexibility in setting the bandwidth, don't appear to work as good as the crystal filters do in the 706 series.

Go read the article about IF-DSP rigs at

www.sherweng.com

Rob Sherwood is considered the guru of receiver testing performance, and he sold his 7000 to get a MKIIG back instead.

73 John AF5CC
----- Original Message -----
From: DGBartholomew
To: ic706@yahoogroups.com
Sent: Saturday, May 12, 2012 9:50 PM
Subject: [ic706] Re: Would like to own one

Welcome, Tom! I started out with an IC-735 myself and now have had my IC-706MkIIg for over 10 years. I am planning to get an IC-7000 maybe later this year.

The IC-735 was a very basic radio. It only had 10 memory channels, and only had bands 160m-10m. The 706, besides being more compact, has many more memory channels and also includes 6m, 2m and 70cm, all modes. It has an audio DSP which isn't all that good; I supplement it with an Amcom DSP speaker which greatly improves things (it's now sold by West Mountain Radio as the "ClearSPKR ClearSpeech"). I also got the narrow SSB filter for mine. The automatic notch filter works very nicely, though.

The 706 came in several models. I think the first one didn't have 70cm and later ones added that band and later, more power on VHF. Although this line is now discontinued you will still see many for sale.

The reason I am looking at the IC-7000 is the IF-based DSP, which is supposed to be really good, two manual notch filters, and DSP-based fully customizable filters; also a voice and CW keyer and lots of other improvements. But I do not plan to sell my 706, I think I'll keep it so that I can work analog satellites with it or just to have two HF radios around.

Dave AD7DB

--- In ic706@yahoogroups.com, "Tom S" <jatsno_52@...> wrote:
>
> Hello All
>

> I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
>
> Thanks,
> Tom
> KK4HSJ
>

[Non-text portions of this message have been removed]

# 19679. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:19:57 UTC
From: Mark Brueggemann
Topic: 19668  Message: 19679

--- On Sat, 5/12/12, LARRY J. FORD <lford@...> wrote:

> Would you care to elaborate on your statement that the 706
> "... receiver can't handle a decent antenna."  I'm particularly
> interested in your definition of "handle" and "decent."

"Handle" in this context is the ability of the receiver to accommodate the signal levels being presented to it without degradation. "Degradation" in this case would be products of IMD. With the (my) 706MkIIG that manifests itself in hearing the same CW signal multiple places across the band, and "crunching" from SSB signals both close in, and not so close in.

"Decent" is an antenna at least as good as a dipole or a full length vertical. I noticed these effects with my butternut vertical, and moreso with my tribander. At one point I was using my 706 as a secondary rig in my station and could readily duplicate the issues swapping antennas around. These effects are not observed on my 746.

6M is worse. When there was an active TV channel 2 in ABQ the receiver was unusable. I had to make a pass-notch filter just to be able to hear anything. Again, not a problem on my 746 using the same antenna.

In the case of the HF issues, it doesn't render the radio unusable, just that when band conditions are good and there are a lot of strong signals on the band, you will find IMD products across the band. Some may notice, some may not. Some may care, some may not. On a compromise antenna like an HF mobile setup you would never see this problem.

As a "swiss army knife" radio it's tough to beat and I have used mine mobile, fixed and portable for over a decade. I know people can sometimes get defensive when someone might pick a few nits about their favorite product but this is a reality when you put so much into a small package. To me, coupled with the small screen and layered menus keeps this rig in the category of secondary/specific use category and not as a primary rig.

Mark K5LXP
Albuquerque, NM

# 19680. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:32:24 UTC
From: Mark Brueggemann
Topic: 19668  Message: 19680

--- On Sat, 5/12/12, AG0N-3055 <mcduffie@...> wrote:

> Just what do you consider "handling" and what do you consider
> a decent antenna?

See my previous post.

> I like a big land yacht sitting on my desk.

That's one of the reasons the 706 isn't an ideal primary rig. Constantly surfing the menus to select often used features gets old after a while. A knob/button radio is much more convenient, and a larger display allows you to control it at arms length.

> But the handling of strong signals has not been a
> problem, and I haven't had any intermod.

I have, routinely and repeatedly.

> I almost NEVER turn the preamp off.

That of course can accentuate the problem, though on HF a preamp usually doesn't help anyway (you're operating above the noise floor already). What I ended up doing was using the attenuator when signals are especially strong.

> I think your statement is a bit broad and vague.

It was a casual observation to an inspecific question. I can get as detailed as you like.

Mark K5LXP
Albuquerque, NM

# 19681. Re: [ic706] Re: Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:33:02 UTC
From: LARRY J. FORD
Topic: 19668  Message: 19681

The "study" to which you are apparently referring on the Sherwood Engineering website (i.e., the presentation at Dayton 2007) was at least 5 years ago (2007) prior to the development and introduction of the ICOM IC-7200, which I have, along with an original 706 (which cannot accept the ICOM AF DSP module), and an ICOM IC-706 MKII, which has the AF DSP module installed.

As I posted earlier, the 7200 has IF DSP, and I have noticed none of the complaints Mr. Sherwood made in his presentation about IF DSP rigs extant in 2007. Perhaps since the 7200 was developed and introduced some 2 years after Sherwood's appearance at Dayton 2007, the ICOM engineers took his comments to heart and engineered around those issues.

5 years is a long time in the development cycle of DSP technology these days, so it's a bit risky to reject IF DSP based rigs on such outdated research.

Based on my experience with my 7200 and my 706MKII, the AF DSP in the 706 MKII is a pale comparison to the IF DSP in the 7200.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 12 May 2012 05:59:22 PM EDT
From: "John G." <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Re: Would like to own one

> Dave,
>
> I have had several IF-DSP based rigs, including a 7000, and the noise reduction in them still isn't anything to write home about-really doesn't do much. Even though it is as the IF level, and inside the AGC loop, I have never seen it actually lower the S meter reading on noise, as it should. Also, the DSP based filters in the 7000, which they do allow for more flexibility in setting the bandwidth, don't appear to work as good as the crystal filters do in the 706 series.
>
> Go read the article about IF-DSP rigs at
>
> www.sherweng.com
>
> Rob Sherwood is considered the guru of receiver testing performance, and he sold his 7000 to get a MKIIG back instead.
>
> 73 John AF5CC
> ----- Original Message -----

> From: DGBartholomew
> To: ic706@yahoogroups.com
> Sent: Saturday, May 12, 2012 9:50 PM
> Subject: [ic706] Re: Would like to own one
>
>
>
> Welcome, Tom! I started out with an IC-735 myself and now have had my IC-706MkIIg for over 10 years. I am planning to get an IC-7000 maybe later this year.
>
> The IC-735 was a very basic radio. It only had 10 memory channels, and only had bands 160m-10m. The 706, besides being more compact, has many more memory channels and also includes 6m, 2m and 70cm, all modes. It has an audio DSP which isn't all that good; I supplement it with an Amcom DSP speaker which greatly improves things (it's now sold by West Mountain Radio as the "ClearSPKR ClearSpeech"). I also got the narrow SSB filter for mine. The automatic notch filter works very nicely, though.
>
> The 706 came in several models. I think the first one didn't have 70cm and later ones added that band and later, more power on VHF. Although this line is now discontinued you will still see many for sale.
>
> The reason I am looking at the IC-7000 is the IF-based DSP, which is supposed to be really good, two manual notch filters, and DSP-based fully customizable filters; also a voice and CW keyer and lots of other improvements. But I do not plan to sell my 706, I think I'll keep it so that I can work analog satellites with it or just to have two HF radios around.
>
> Dave AD7DB
>
> --- In ic706@yahoogroups.com, "Tom S" <jatsno_52@...> wrote:
> >
> > Hello All
> >
> > I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
> >
> > Thanks,
> > Tom
> > KK4HSJ
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

>

# 19682. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:44:43 UTC
From: LARRY J. FORD
Topic: 19668  Message: 19682

Mark,

Thanks for the detailed reply. I think that perhaps one major difference between your experience and mine with the 706 is that when it was my primary rig, I was not located in a metro area. Although Albuquerque is not exactly New York City, it's definitely a lot more "RF intense" than my QTH in the mountains of Southwest North Carolina.

That being said, I'm more than happy these days to rely upon my IC-7200 as my main HF rig, rather than the 706.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 12 May 2012 06:21:11 PM EDT
From: Mark Brueggemann <qrq_cw@yahoo.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Would like to own one
.
>
> --- On Sat, 5/12/12, LARRY J. FORD <lford@...> wrote:
>
> > Would you care to elaborate on your statement that the 706
> > "... receiver can't handle a decent antenna."  I'm particularly
> > interested in your definition of "handle" and "decent."
>
> "Handle" in this context is the ability of the receiver to accommodate the signal levels being presented to it without degradation. "Degradation" in this case would be products of IMD. With the (my) 706MkIIG that manifests itself in hearing the same CW signal multiple places across the band, and "crunching" from SSB signals both close in, and not so close in.
>
> "Decent" is an antenna at least as good as a dipole or a full length vertical. I noticed these effects with my butternut vertical, and moreso with my tribander. At one point I was using my 706 as a secondary rig in my station and could readily duplicate the issues swapping antennas around. These effects are not observed on my 746.
>
> 6M is worse. When there was an active TV channel 2 in ABQ the receiver was unusable. I had to make a pass-notch filter just to be able to hear anything. Again, not a problem on my 746 using the same antenna.
>
> In the case of the HF issues, it doesn't render the radio unusable, just that when band conditions are good and there are a lot of strong signals on the band, you will find IMD products across the band. Some may notice, some

may not. Some may care, some may not. On a compromise antenna like an HF mobile setup you would never see this problem.
>
> As a "swiss army knife" radio it's tough to beat and I have used mine mobile, fixed and portable for over a decade. I know people can sometimes get defensive when someone might pick a few nits about their favorite product but this is a reality when you put so much into a small package. To me, coupled with the small screen and layered menus keeps this rig in the category of secondary/specific use category and not as a primary rig.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>
>

# 19683. Re: [ic706] Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:52:40 UTC
From: AG0N-3055
Topic: 19668  Message: 19683

On Sat, 12 May 2012 15:19:57 -0700 (PDT), Mark Brueggemann wrote:

> "Handle" in this context is the ability of the receiver to accommodate
> the signal levels being presented to it without degradation. "Degradation"
> in this case would be products of IMD. With the (my) 706MkIIG that manifests
> itself in hearing the same CW signal multiple places across the band, and
> "crunching" from SSB signals both close in, and not so close in.

Yes, I know what intermod sounds like. Luckily, I haven't run into it
yet. I also use mine as a second rig, tuning around one band when I'm
on another, etc. Fortunately, I don't live "in the city" and have a lot
of close neighbors. But I do have hams within 5-6 miles of me.

> "Decent" is an antenna at least as good as a dipole or a full length vertical.

I have numerous wire antennas, as well as the Hy-Gain Hy-Tower and the
TH-7DX at just under 60 feet. I consider these at least as good as a
dipole, and they receive lots of strong signals.

> 6M is worse. When there was an active TV channel 2 in ABQ the receiver was
> unusable.

While I've only been on 6 a few months, I have not run into any problems
with intermod or strong signal overload on strong band openings. There
are no channel 2 high power stations in the area.

I operate some SSB, some digital, and mostly CW on HF bands. I operate
SSB and CW on 6/2/70cm.

> As a "swiss army knife" radio it's tough to beat

> To me, coupled with the small screen and layered menus keeps this rig in the
> category of secondary/specific use category and not as a primary rig.

I would have to agree with both statements. Too small to be your main
radio if you're a serious ham, and the menu system makes a poor excuse
for having real buttons to push. The 7000 has come a long way toward
getting rid of the button issue. I used one for a week and was very
impressed with all of the improvements. More buttons without more size,
and a better, more readable screen. Still, most hams want a nice big
piece of hardware to use as their main radio.

For what it is, there's a lot packed into the 706. While I haven't been
mobile in a few years, I sure wouldn't be afraid to put it in any of my
vehicles, although, some RF testing re ECC box interference should be
done on any mobile these days. :o)

73, Gary
--

Sent from my: OH WHO CARES !!!
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

# 19684. Re: [ic706] Re: Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-12 22:54:11 UTC
From: ka9p@aol.com
Topic: 19668  Message: 19684

I agree with John on this one. I've got an original 706, a MK2 and a 703.

I really love the original 706, but after a lot of years, many spent in an off road jeep, the display is starting to delaminate a little bit. That's when I picked up the Mk2 (not G) and it's just as competent, but it is a bit "gainier" as some have mentioned.

I think the best thing about the 706 for me is it has been rugged and trouble free. When my son zigged when he should of zagged off road, and his forehead hit the radio and sheared a couple of pots off, the parts were easily available and replaced, and the radio's still ticking well. It's seen manpack service with a 7 AH battery, working half way around the world from the beach lots of times at 20 to 50 watts, been to lots of beach ops and has been relatively unaffected by sand and humidity, and the receiver is very good in the absence of loud signals - when you're in an electrically quiet location like the right spots in the Caribbean it's easy to work S zero cw signals all night.

The radio I've spent a lot of time comparing it to is my 897, which sees the same kind of portable/vacation/mobile service, but I find the 706 easier to operate with better audio and less fuss. If only Icom made a cool add-on battery system like the internal one 897 has.....(but the 706 in a World Pack with the 7 or 9 AH gel cell is pretty close in manpack operability, better even with the head remoted.

I shopped around and got the Mk2 last year for $375 (but had to buy a cw filter) and to me, that's great value.

Good luck, Scott

In a message dated 5/12/2012 4:58:54 P.M. Central Daylight Time, af5cc@... writes:

Dave,

I have had several IF-DSP based rigs, including a 7000, and the noise reduction in them still isn't anything to write home about-really doesn't do much. Even though it is as the IF level, and inside the AGC loop, I have never seen it actually lower the S meter reading on noise, as it should. Also, the DSP based filters in the 7000, which they do allow for more flexibility in setting the bandwidth, don't appear to work as good as the crystal filters do in the 706 series.

Go read the article about IF-DSP rigs at

www.sherweng.com

Rob Sherwood is considered the guru of receiver testing performance, and he sold his 7000 to get a MKIIG back instead.

73 John AF5CC
----- Original Message -----
From: DGBartholomew
To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
Sent: Saturday, May 12, 2012 9:50 PM
Subject: [ic706] Re: Would like to own one

Welcome, Tom! I started out with an IC-735 myself and now have had my IC-706MkIIg for over 10 years. I am planning to get an IC-7000 maybe later this year.

The IC-735 was a very basic radio. It only had 10 memory channels, and only had bands 160m-10m. The 706, besides being more compact, has many more memory channels and also includes 6m, 2m and 70cm, all modes. It has an audio DSP which isn't all that good; I supplement it with an Amcom DSP speaker which greatly improves things (it's now sold by West Mountain Radio as the "ClearSPKR ClearSpeech"). I also got the narrow SSB filter for mine. The automatic notch filter works very nicely, though.

The 706 came in several models. I think the first one didn't have 70cm and later ones added that band and later, more power on VHF. Although this line is now discontinued you will still see many for sale.

The reason I am looking at the IC-7000 is the IF-based DSP, which is supposed to be really good, two manual notch filters, and DSP-based fully customizable filters; also a voice and CW keyer and lots of other improvements. But I do not plan to sell my 706, I think I'll keep it so that I can work analog satellites with it or just to have two HF radios around.

Dave AD7DB

--- In _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com) , "Tom S" <jatsno_52@...> wrote:
>
> Hello All
>
> I am new here so please excuse the nervousness (hihi). I would like to own one of these radios but I am afraid I know very little about it. I formerly owned an IC-735. What are some of the best features about it ?
>
> Thanks,
> Tom
> KK4HSJ
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19685. Re: Would like to own one

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-14 16:51:31 UTC
From: T Monroe
Topic: 19668  Message: 19685

I have owned a MKIIG for about 10 years.  Used it mobile and now in the shack as backup and 6M rig.  Just used it last Saturday for a CW QSO with Japan on 17M.  Never had a big problem with intermod on strong signals if you use the attenuator and preamp properly.  I acquired narrow CW and SSB filters on Ebay, the narrow filters improve the radio tremendously.  The main downsides of the radio to be aware of from my perspective are as follows:

-DSP is poor and unsophisticated, even for audio DSP.  No bandpass filters implemented. Only noise reduction and notch.  Noise reduction works to reduce storm type static on CW but seems to only attenuate noise and signal equally on voice modes.  I seldom bother using the DSP.

-Noise blanker is also poor.  No level  adjustment.  Not nearly as good as noise blanker in my 27 year old Kenwood 830.  Won't work on most power line corona type noise that my other radios easily eliminate,  It does work on slow pulse type ignition noise.

-No CW memory keyer.  The basic keyer built into the radio works fine though.

-You have to go into the menu's to make most adjustments.  Makes quick adjustment of power, CW keying speed, AGC, split mode etc. kind of awkward for shack use.  Sometimes when in a hurry the adjustment you need is hard to find.  I have accidentally changed the frequency and lost my QSO when trying to adjust the internal CW keyer speed.

-Tends to run hot after extensive use.  I implemented mod to keep fan running all the time, this helped but still can get quite warm especially in modes like RTTY or PSK.

-You cannot easily switch in narrow filter when running in SSB mode, which you would like to do for PSK and RTTY.  You can do it but have to reprogram radio to think CW filter is SSB filter, then you cannot operate SSB until you reprogram it back the other way.

These issues do not keep me from enjoying the radio. Just be aware of them, the radio can sometimes be found for good prices on used market and gives you not only HF but all-mode VHF and UHF as well.  A lot of bang for the buck, I would not part with mine.  I would recommend sticking with MKIIG model and  later serial numbers if possible since I think price is not that much different.

---KJ4DU

-

[Non-text portions of this message have been removed]

# 19686. 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-14 20:40:23 UTC
From: David Westbrook
Topic: 19686  Message: 19686

I heard that sometime in the past there was a booth at Dayton where the guy would do radio mod's for you ...

Does anyone know any specifics? I'm thinking of bringing my IC706MKII to get the "MARS mod" (open for TX all freqs ... specifically interested in 60M)

thanks,
--david
KJ4IZW

[Non-text portions of this message have been removed]

# 19687. RE: [ic706] 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-14 23:58:31 UTC
From: Rick Klinge
Topic: 19686  Message: 19687

Yikes.. If they mod
anything at all have them change the electrolytic caps from 1000uf 16 Volts to
25 or 35 volts - C188/C164 (Rubycon 105c) Also have them fix the rotted trace
on the underside of the PLL board - it will go bad. (Under Both square hard
rubber supports). Fan mod probably good idea too. 73RickAC0TT
To: ic706@yahoogroups.com
From: dwestbrook@...
Date: Mon, 14 May 2012 16:40:23 -0400
Subject: [ic706] 706 mod's at Dayton?

I heard that sometime in the past there was a booth at Dayton where the guy

would do radio mod's for you ...

Does anyone know any specifics? I'm thinking of bringing my IC706MKII to

get the "MARS mod" (open for TX all freqs ... specifically interested in

60M)

thanks,

--david

KJ4IZW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19688. Re: 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-15 09:45:28 UTC
From: John Levo
Topic: 19686  Message: 19688

Some years back there was a fellow with an inside booth that was opening radios up-mostly two meter rigs. But I don't recall seeing him in recent years. I heard the FCC dinged him.

[Non-text portions of this message have been removed]

# 19689. Re: [ic706] Re: 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-15 13:35:02 UTC
From: Larry J. Ford
Topic: 19686  Message: 19689

I'm sure that tech eventually got "dinged" by the FCC if he was doing "MARS" mods on radio for owner who weren't licensed by MARS!

Most reputable shops will not perform a MARS mod unless the owner holds a valid MARS callsign. I recently joined Army MARS in NC, and Matt Adrian at SAR Technical Services, an independent ICOM-authorized service center in MI (a fantastic shop, by the way) required proof of my MARS callsign/membership in order to perform the MARS mod on my IC-7200.

It's on its way to him this week.

Larry J. Ford
KG4GPJ - AAR4WO/T

----- Original Message -----
From: John Levo
To: ic706@yahoogroups.com
Sent: Tuesday, May 15, 2012 5:45 AM
Subject: [ic706] Re: 706 mod's at Dayton?

Some years back there was a fellow with an inside booth that was opening radios up-mostly two meter rigs. But I don't recall seeing him in recent years. I heard the FCC dinged him.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19690. Main Tunning Dial

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-15 14:47:22 UTC
From: Steve
Topic: 19690  Message: 19690

After some research here on this list some posts dating back to 2009 indicate that the main tunning knob simply pulls straight off on the MKIIG. My knob is dragging and my research indicates that pulling the knob forward, or removing and cleaning would cure the problem. My question then is has anything changed from 2009 and now?

Forgive my ignorance and thank you in advance!

73 de W5EN Steve

# 19691. MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-15 12:36:18 UTC
From: Gerald Edinburgh
Topic: 19691  Message: 19691

Hello, everyone,
Perhaps someone can help with this problem.

My 706MK2G suddenly stopped putting out RF on Sunday.

The power output still indicated as normal.
The SWR still showed Good (2 blobs as usual
The ALC reading (I am using FM) was hard over instead of the usual threequarter scale.
I have checked for dry joints around the antenna socket to PCB.
Is there an antenna change over relay that could be sticking?

Any suggestions welcome.

73 Gerald g3sdy

# 19692. Re: [ic706] Re: 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-15 16:14:37 UTC
From: Deacon Dave
Topic: 19686  Message: 19692

With the new 60 meter modes and frequencies I doubt the "proof of MARS" is still valid.

----- Original Message -----
From: Larry J. Ford
To: ic706@yahoogroups.com
Sent: Tuesday, May 15, 2012 9:35 AM
Subject: Re: [ic706] Re: 706 mod's at Dayton?

I'm sure that tech eventually got "dinged" by the FCC if he was doing "MARS" mods on radio for owner who weren't licensed by MARS!

Most reputable shops will not perform a MARS mod unless the owner holds a valid MARS callsign. I recently joined Army MARS in NC, and Matt Adrian at SAR Technical Services, an independent ICOM-authorized service center in MI (a fantastic shop, by the way) required proof of my MARS callsign/membership in order to perform the MARS mod on my IC-7200.

It's on its way to him this week.

Larry J. Ford
KG4GPJ - AAR4WO/T

----- Original Message -----
From: John Levo
To: ic706@yahoogroups.com
Sent: Tuesday, May 15, 2012 5:45 AM
Subject: [ic706] Re: 706 mod's at Dayton?

Some years back there was a fellow with an inside booth that was opening radios up-mostly two meter rigs. But I don't recall seeing him in recent years. I heard the FCC dinged him.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19693. Re: [ic706] Re: 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 00:58:08 UTC
From: Facility 406 DM09
Topic: 19686  Message: 19693

"I'm sure that tech eventually got "dinged" by the FCC if he was doing "MARS" mods on radio for owner who weren't licensed by MARS!"

He should have told them he was opening them up to use as an IF for a microwave transverter.

Kurt

# 19694. Re: [ic706] Main Tunning Dial

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 01:13:32 UTC
From: Facility 406 DM09
Topic: 19690  Message: 19694

I have a new (2010 or 2011, one of the last in stock) MKIIg and just pulled the knob and it slid off. I kind of pinch it with thumb and forefinger and lever it off with my fingers against the face plate.

Same thing on my MKII, not sure of the original or 703, never had those.

Speaking of which, is the 703 still in production? I like the 70x series, but don't need 100W.

Kurt

----- Original Message -----
From: "Steve" <redbirdsfan82@...>
After some research here on this list some posts dating back to 2009 indicate that the main tunning knob simply pulls straight off on the MKIIG. My knob is dragging and my research indicates that pulling the knob forward, or removing and cleaning would cure the problem. My question then is has anything changed from 2009 and now?

# 19695. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 02:57:44 UTC
From: Mike Rodgers
Topic: 19691  Message: 19695

All bands? All modes?
Repeater nearby? When my finals went it would still key and work dtmf commands 1/4 mile from repeater but would not wiggle a 4w meter scale.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@...> wrote:

> Hello, everyone,
> Perhaps someone can help with this problem.
>
> My 706MK2G suddenly stopped putting out RF on Sunday.
>
> The power output still indicated as normal.
> The SWR still showed Good (2 blobs as usual
> The ALC reading (I am using FM) was hard over instead of the usual threequarter scale.
> I have checked for dry joints around the antenna socket to PCB.
> Is there an antenna change over relay that could be sticking?
>
> Any suggestions welcome.
>
> 73 Gerald g3sdy
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> World's most expensive camera
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

# 19696. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 03:44:36 UTC
From: Mark Brueggemann
Topic: 19691  Message: 19696

On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@...> wrote:

> My 706MK2G suddenly stopped putting out RF on Sunday.

> The power output still indicated as normal.
> The SWR still showed Good (2 blobs as usual
> The ALC reading (I am using FM) was hard over instead
> of the usual threequarter scale.
> > I have checked for dry joints around the antenna socket
> to PCB.
> Is there an antenna change over relay that could be sticking?

It seems unlikely it would show full power out and normal SWR with any kind of antenna relay/connector fault. I would check it into a dummy load and external power meter to rule out any coax/antenna problem first.

Mark K5LXP
Albuquerque, NM

# 19697. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 05:24:01 UTC
From: Mike Rodgers
Topic: 19691  Message: 19697

Also the swr meter only works on 2/70

Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 15, 2012, at 10:44 PM, Mark Brueggemann <qrq_cw@...> wrote:

>
> On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@...> wrote:
>
> > My 706MK2G suddenly stopped putting out RF on Sunday.
>
> > The power output still indicated as normal.
> > The SWR still showed Good (2 blobs as usual
> > The ALC reading (I am using FM) was hard over instead
> > of the usual threequarter scale.
> > > I have checked for dry joints around the antenna socket
> > to PCB.
> > Is there an antenna change over relay that could be sticking?
>
> It seems unlikely it would show full power out and normal SWR with any kind of antenna relay/connector fault. I would check it into a dummy load and external power meter to rule out any coax/antenna problem first.
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> Kristen Stewart dresses in drag
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

# 19698. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 05:28:31 UTC
From: Mike Rodgers
Topic: 19691  Message: 19698

Oops! I meant to say the swr meter does not work on 2/70!

Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 16, 2012, at 12:24 AM, Mike Rodgers <mikerodgerske5gbc@yahoo.com> wrote:

> Also the swr meter only works on 2/70
>
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On May 15, 2012, at 10:44 PM, Mark Brueggemann <qrq_cw@...> wrote:
>
> >
> > On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@...> wrote:
> >
> > > My 706MK2G suddenly stopped putting out RF on Sunday.
> >
> > > The power output still indicated as normal.
> > > The SWR still showed Good (2 blobs as usual
> > > The ALC reading (I am using FM) was hard over instead
> > > of the usual threequarter scale.
> > > > I have checked for dry joints around the antenna socket
> > > to PCB.
> > > Is there an antenna change over relay that could be sticking?
> >
> > It seems unlikely it would show full power out and normal SWR with any kind of antenna relay/connector fault. I would check it into a dummy load and external power meter to rule out any coax/antenna problem first.
> >
> > Mark K5LXP
> > Albuquerque, NM
> >
> >
> >
> >
> > TODAY(Beta) • Powered by Yahoo!

> > Kristen Stewart dresses in drag
> > Privacy Policy
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19699. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 09:43:05 UTC
From: g3sdy@aol.com
Topic: 19691  Message: 19699

Hi all,
Sorry I forgot to mention the bands in question are 2m and 70cm. No output detectable on a hand held next to radio. HF/50 Mhzworks fine.
73 Gerald g3sdy

-----Original Message-----
From: Mike Rodgers <mikerodgerske5gbc@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, 16 May 2012 3:58
Subject: Re: [ic706] MK2G No TX output

All bands? All modes?
Repeater nearby? When my finals went it would still key and work dtmf commands 1/4 mile from repeater but would not wiggle a 4w meter scale.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@aol.com> wrote:

> Hello, everyone,
> Perhaps someone can help with this problem.
>
> My 706MK2G suddenly stopped putting out RF on Sunday.
>
> The power output still indicated as normal.
> The SWR still showed Good (2 blobs as usual
> The ALC reading (I am using FM) was hard over instead of the usual threequarter scale.
> I have checked for dry joints around the antenna socket to PCB.
> Is there an antenna change over relay that could be sticking?
>
> Any suggestions welcome.
>
> 73 Gerald g3sdy
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> World's most expensive camera
> Privacy Policy

>
>

[Non-text portions of this message have been removed]

# 19700. Re: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 15:03:40 UTC
From: Mike Rodgers
Topic: 19691  Message: 19700

I'm sure your on a simplex frequency with no tones enabled when listening with handheld?

Check the antenna with a external swr meter.
Based on my experience which may vary, you should hear something if it's the final. I could operate echolink if I was 1/4 mi from repeater even though it didn't wiggle a 4w scale meter.

Good luck
Mike R

PS there's also a yahoo group for mk2g

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 16, 2012, at 4:43 AM, g3sdy@... wrote:

> Hi all,
> Sorry I forgot to mention the bands in question are 2m and 70cm. No
> output detectable on a hand held next to radio. HF/50 Mhzworks fine.
> 73 Gerald g3sdy
>
> -----Original Message-----
> From: Mike Rodgers <mikerodgerske5gbc@...>
> To: ic706 <ic706@yahoogroups.com>
> Sent: Wed, 16 May 2012 3:58
> Subject: Re: [ic706] MK2G No TX output
>
> All bands? All modes?
> Repeater nearby? When my finals went it would still key and work dtmf
> commands 1/4 mile from repeater but would not wiggle a 4w meter scale.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@...> wrote:
>
> > Hello, everyone,
> > Perhaps someone can help with this problem.
> >

> > My 706MK2G suddenly stopped putting out RF on Sunday.
> >
> > The power output still indicated as normal.
> > The SWR still showed Good (2 blobs as usual
> > The ALC reading (I am using FM) was hard over instead of the usual
> threequarter scale.
> > I have checked for dry joints around the antenna socket to PCB.
> > Is there an antenna change over relay that could be sticking?
> >
> > Any suggestions welcome.
> >
> > 73 Gerald g3sdy
> >
> >
> >
> >
> > TODAY(Beta) • Powered by Yahoo!
> > World's most expensive camera
> > Privacy Policy
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19701. RE: [ic706] MK2G No TX output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 15:28:33 UTC
From: David McDonald
Topic: 19691  Message: 19701

Don’t the radio have two (2) antenna connectors.

One for HF, the other for VHF UHF.

GO DAWGs

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Wednesday, May 16, 2012 11:04 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] MK2G No TX output

I'm sure your on a simplex frequency with no tones enabled when listening with handheld?

Check the antenna with a external swr meter.
Based on my experience which may vary, you should hear something if it's the final. I could operate echolink if I was 1/4 mi from repeater even though it didn't wiggle a 4w scale meter.

Good luck
Mike R

PS there's also a yahoo group for mk2g

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 16, 2012, at 4:43 AM, g3sdy@aol.com <mailto:g3sdy%40aol.com> wrote:

> Hi all,
> Sorry I forgot to mention the bands in question are 2m and 70cm. No
> output detectable on a hand held next to radio. HF/50 Mhzworks fine.
> 73 Gerald g3sdy
>
> -----Original Message-----
> From: Mike Rodgers <mikerodgerske5gbc@... <mailto:mikerodgerske5gbc%40yahoo.com> >
> To: ic706 <ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> >
> Sent: Wed, 16 May 2012 3:58
> Subject: Re: [ic706] MK2G No TX output
>
> All bands? All modes?
> Repeater nearby? When my finals went it would still key and work dtmf
> commands 1/4 mile from repeater but would not wiggle a 4w meter scale.
>
> 73
> Mike R
>

> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On May 15, 2012, at 7:36 AM, "Gerald Edinburgh" <g3sdy@aol.com <mailto:g3sdy%40aol.com> >
wrote:
>
> > Hello, everyone,
> > Perhaps someone can help with this problem.
> >
> > My 706MK2G suddenly stopped putting out RF on Sunday.
> >
> > The power output still indicated as normal.
> > The SWR still showed Good (2 blobs as usual
> > The ALC reading (I am using FM) was hard over instead of the usual
> threequarter scale.
> > I have checked for dry joints around the antenna socket to PCB.
> > Is there an antenna change over relay that could be sticking?
> >
> > Any suggestions welcome.
> >
> > 73 Gerald g3sdy
> >
> >
> >
> >
> > TODAY(Beta) • Powered by Yahoo!
> > World's most expensive camera
> > Privacy Policy
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19702. Re: 706 mod's at Dayton?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-16 20:32:52 UTC
From: John Levo
Topic: 19686  Message: 19702

From what I remember hearing, he was opening up two meter radios for non ham band use on the public service frequencies.

[Non-text portions of this message have been removed]

# 19703. USB keying for an Icom radio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-18 17:53:55 UTC
From: John
Topic: 19703  Message: 19703

I have an Icom 706 and I am looking for an interface that will allow NA contesting software to work as a memory keyer during contests. I remember doing this years ago with a serial port and a Kenwood TS-2000. Is there a simple cable that goes between a USB port and the rig to allow the computer and software to function as a keyer?

John AF5CC

[Non-text portions of this message have been removed]

# 19704. 17m and preamp question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-22 18:54:17 UTC
From: John G.
Topic: 19704  Message: 19704

I am trying to determine if what I am hearing is typical atmospheric noise, of if I have a line noise problem of sorts. Here is my situation:

I have an Icom 706 original model. I find that all three models of theh 706 are too sensitive on 20m and below with the preamp on-you get to listen to a S8 noise or so most of the time. So I leave the preamp off on those bands, and on 30m and below it seems just right on the original model-you see an S1 or so noise level on those bands. On 20m it is probably a little deaf with the preamp off, but works fine. On 15m and above I turn on the preamp and it seems just right.

So what is people's experience on 17m? With the preamp on I see around a S7 or so noise level. WIth it off, it seems to lack a little sensitivity on that band. I did work V85SS on 17m yesterday so I can hear stuff with the noise that my rig is getting, but it is also tiring ot listen to, especially if it is something that can be fixed. So, with your 706 (any model) on 17m, what sort of background noise level are you seeing with the preamp on?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19705. 7062G won't power up!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-22 20:32:52 UTC
From: ei3gsb
Topic: 19705  Message: 19705

My Mk2G won't power up after I plugged in a G4ZLP digimode interface cable in the back of the rig. The radio was powered up at the time and the interface was connected to the PC. Anyone have a rough idea as to what I may have damaged? I've done the obvious checks of blown fuses but can't see any obvious problem. Any clues??

Cheers,
Andrew

# 19706. Re: [ic706] 7062G won't power up!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 03:26:58 UTC
From: David Boucher
Topic: 19705  Message: 19706

Andrew,

Check out the Molex power connector. You may have moved it around putting the G4ZLP in and caused the connectors to open up and lose contact. 706's are notorious for loose connectors in the Molex plug.

73,

David
KD0PLS

On Tue, May 22, 2012 at 3:32 PM, ei3gsb <andrew_martin62@...m> wrote:

> **
>
>
> My Mk2G won't power up after I plugged in a G4ZLP digimode interface cable
> in the back of the rig. The radio was powered up at the time and the
> interface was connected to the PC. Anyone have a rough idea as to what I
> may have damaged? I've done the obvious checks of blown fuses but can't see
> any obvious problem. Any clues??
>
> Cheers,
> Andrew
>
>
>

[Non-text portions of this message have been removed]

# 19707. Re: [ic706] 17m and preamp question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 09:29:43 UTC
From: Ralph Mowery
Topic: 19704  Message: 19707

You are picking up way too much noise from somewhere.  If there are no thunder storms near you, the noise on most of the bands with the preamp on should be very low.  Less than an s-3.  I have the MK2G and 20 meters and above there is almost no s-meter signal showing most of the time with no signals tuned in. Also have the Icom 746 pro with the preamp on and almsot no s-meter signal showing now.  This is with either an off center fed antenna about 130 feet long up 50 feet or a beam up 60 feet.  Down on 80 and 40 I seldom use the preamp.
During the summer there is often storms that produce lots of noise on those two bands,especially 80.

With the ammount of noise you have, which seems to be all the time, I would look for a local noise source.  It could even be power line noise being generated several miles away.

YOu do not have to have a good mobile antenna, just some wire or a 2 meter antenna. I would put the 706 in the car and ride around to see if the noise is near your house or somewhere close by.  If your car is generating much noise, you may have to ride down the road a way and stop and cut off the motor..Usually the line noise gets weaker as you go up in frequency, so if it is strong, go to a higher band as you get closer.

--- On Tue, 5/22/12, John G. <af5cc@...> wrote:

From: John G. <af5cc@...>
Subject: [ic706] 17m and preamp question
To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector" <icom@mailman.qth.net>
Date: Tuesday, May 22, 2012, 2:54 PM

I am trying to determine if what I am hearing is typical atmospheric noise, of if I have a line noise problem of sorts.  Here is my situation:

I have an Icom 706 original model.  I find that all three models of theh 706 are too sensitive on 20m and below with the preamp on-you get to listen to a S8 noise or so most of the time.  So I leave the preamp off on those bands, and on 30m and below it seems just right on the original model-you see an S1 or so noise level on those bands. On 20m it is probably a little deaf with the preamp off, but works fine.  On 15m and above I turn on the preamp and it seems just right.

So what is people's experience on 17m?  With the preamp on I see around a S7 or so noise level.  WIth it off, it seems to lack a little sensitivity on that band.  I did work V85SS on 17m yesterday so I can hear stuff with the noise that my rig is getting, but it is also tiring ot listen to, especially if it is something that can be fixed.  So, with your 706 (any model) on 17m, what sort of background noise level are you seeing with the preamp on?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19708. Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 13:55:32 UTC
From: Larry J. Ford
Topic: 19708  Message: 19708

Ralph,

What frequency on 2 meters do you suggest to best detect power line noise?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 5:29 AM
Subject: Re: [ic706] 17m and preamp question

<SNIP>
With the ammount of noise you have, which seems to be all the time, I would look for a local noise source. It could even be power line noise being generated several miles away.

YOu do not have to have a good mobile antenna, just some wire or a 2 meter antenna. I would put the 706 in the car and ride around to see if the noise is near your house or somewhere close by. If your car is generating much noise, you may have to ride down the road a way and stop and cut off the motor..Usually the line noise gets weaker as you go up in frequency, so if it is strong, go to a higher band as you get closer.

--- On Tue, 5/22/12, John G. <af5cc@...> wrote:

From: John G. <af5cc@...>
Subject: [ic706] 17m and preamp question
To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector" <icom@...>
Date: Tuesday, May 22, 2012, 2:54 PM

I am trying to determine if what I am hearing is typical atmospheric noise, of if I have a line noise problem of sorts. Here is my situation:

I have an Icom 706 original model. I find that all three models of theh 706 are too sensitive on 20m and below with the preamp on-you get to listen to a S8 noise or so most of the time. So I leave the preamp off on those bands, and on 30m and below it seems just right on the original model-you see an S1 or so noise level on those bands. On 20m it is probably a little deaf with the preamp off, but works fine. On 15m and above I turn on the preamp and it seems just right.

So what is people's experience on 17m? With the preamp on I see around a S7 or so noise level. WIth it off, it seems to lack a little sensitivity on that band. I did work V85SS on 17m yesterday so I can hear stuff with the noise that my rig is getting, but it is also tiring ot listen to, especially

if it is something that can be fixed. So, with your 706 (any model) on 17m, what sort of background noise level are you seeing with the preamp on?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19709. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:23:02 UTC
From: AG0N-3055
Topic: 19708  Message: 19709

On Wed, 23 May 2012 09:55:32 -0400, Larry J. Ford wrote:

> What frequency on 2 meters do you suggest to best detect power line noise?

Wherever you hear noise and there are no signals. Preferably in the
part of the band you like to operate.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19710. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:25:13 UTC
From: Jeffrey Schwartz
Topic: 19708  Message: 19710

On Wed, May 23, 2012 at 10:23 AM, AG0N-3055 <mcduffie@...> wrote:
> On Wed, 23 May 2012 09:55:32 -0400, Larry J. Ford wrote:
>
>> What frequency on 2 meters do you suggest to best detect power line noise?
>
> Wherever you hear noise and there are no signals.  Preferably in the
> part of the band you like to operate.
>

In my experience, power line noise can be found by opening a QSO with
AI4YC... typically, when I'm mobile, and working a DX that I thought
I'd never make.

73, AI4YC, "signal report 36 with much QRM"

# 19711. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:26:45 UTC
From: Mike Rodgers
Topic: 19708  Message: 19711

Larry, this probally is litlle benefit but when I ran 2n ssb on 144.200 power line noise could be horrendous on the wrong road/highway. Florescent lights too.

Some have talked about using portable radios with aircraft band with success.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 23, 2012, at 8:55 AM, "Larry J. Ford" <lford@...> wrote:

> Ralph,
>
> What frequency on 2 meters do you suggest to best detect power line noise?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Ralph Mowery
> To: ic706@yahoogroups.com
> Sent: Wednesday, May 23, 2012 5:29 AM
> Subject: Re: [ic706] 17m and preamp question
>
> <SNIP>
> With the ammount of noise you have, which seems to be all the time, I would
> look for a local noise source. It could even be power line noise being
> generated several miles away.
>
> YOu do not have to have a good mobile antenna, just some wire or a 2 meter
> antenna. I would put the 706 in the car and ride around to see if the noise
> is near your house or somewhere close by. If your car is generating much
> noise, you may have to ride down the road a way and stop and cut off the
> motor..Usually the line noise gets weaker as you go up in frequency, so if
> it is strong, go to a higher band as you get closer.
>
> --- On Tue, 5/22/12, John G. <af5cc@...> wrote:
>
> From: John G. <af5cc@fidmail.com>
> Subject: [ic706] 17m and preamp question
> To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector"
> <icom@...>
> Date: Tuesday, May 22, 2012, 2:54 PM

>
> I am trying to determine if what I am hearing is typical atmospheric noise,
> of if I have a line noise problem of sorts. Here is my situation:
>
> I have an Icom 706 original model. I find that all three models of theh 706
> are too sensitive on 20m and below with the preamp on-you get to listen to a
> S8 noise or so most of the time. So I leave the preamp off on those bands,
> and on 30m and below it seems just right on the original model-you see an S1
> or so noise level on those bands. On 20m it is probably a little deaf with
> the preamp off, but works fine. On 15m and above I turn on the preamp and
> it seems just right.
>
> So what is people's experience on 17m? With the preamp on I see around a S7
> or so noise level. WIth it off, it seems to lack a little sensitivity on
> that band. I did work V85SS on 17m yesterday so I can hear stuff with the
> noise that my rig is getting, but it is also tiring ot listen to, especially
> if it is something that can be fixed. So, with your 706 (any model) on 17m,
> what sort of background noise level are you seeing with the preamp on?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19712. RE: EXTERNAL: Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:35:07 UTC
From: Lefczik, Larry D
Topic: 19708  Message: 19712

They key is to use AM (SSB) to find noise instead of FM.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Wednesday, May 23, 2012 10:27 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] Power Line Noise (was: 17m and preamp question)

Larry, this probally is litlle benefit but when I ran 2n ssb on 144.200 power line noise could be horrendous on the wrong road/highway. Florescent lights too.

Some have talked about using portable radios with aircraft band with success.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 23, 2012, at 8:55 AM, "Larry J. Ford" <lford@...> wrote:

> Ralph,
>
> What frequency on 2 meters do you suggest to best detect power line noise?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Ralph Mowery
> To: ic706@yahoogroups.com
> Sent: Wednesday, May 23, 2012 5:29 AM
> Subject: Re: [ic706] 17m and preamp question
>
> <SNIP>
> With the ammount of noise you have, which seems to be all the time, I would
> look for a local noise source. It could even be power line noise being
> generated several miles away.
>
> YOu do not have to have a good mobile antenna, just some wire or a 2 meter
> antenna. I would put the 706 in the car and ride around to see if the noise
> is near your house or somewhere close by. If your car is generating much
> noise, you may have to ride down the road a way and stop and cut off the
> motor..Usually the line noise gets weaker as you go up in frequency, so if

> it is strong, go to a higher band as you get closer.
>
> --- On Tue, 5/22/12, John G. <af5cc@...> wrote:
>
> From: John G. <af5cc@...>
> Subject: [ic706] 17m and preamp question
> To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector"
> <icom@...>
> Date: Tuesday, May 22, 2012, 2:54 PM
>
> I am trying to determine if what I am hearing is typical atmospheric noise,
> of if I have a line noise problem of sorts. Here is my situation:
>
> I have an Icom 706 original model. I find that all three models of theh 706
> are too sensitive on 20m and below with the preamp on-you get to listen to a
> S8 noise or so most of the time. So I leave the preamp off on those bands,
> and on 30m and below it seems just right on the original model-you see an S1
> or so noise level on those bands. On 20m it is probably a little deaf with
> the preamp off, but works fine. On 15m and above I turn on the preamp and
> it seems just right.
>
> So what is people's experience on 17m? With the preamp on I see around a S7
> or so noise level. WIth it off, it seems to lack a little sensitivity on
> that band. I did work V85SS on 17m yesterday so I can hear stuff with the
> noise that my rig is getting, but it is also tiring ot listen to, especially
> if it is something that can be fixed. So, with your 706 (any model) on 17m,
> what sort of background noise level are you seeing with the preamp on?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

# 19713. Re: [ic706] 17m and preamp question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:37:18 UTC
From: John G.
Topic: 19704  Message: 19713

Hi Ralph,

I think some of the difference might be in S meter calabrations.
According to the QST reviews, the strength of a signal (in millivolts) needed for a S9 signal, with the preamp on, is:

Icom 706 original 3.75
Icom 706MKII 21.1
Icom 706MKIIG 11.2
Icom 746PRO 27.5

As you can see, there is a pretty big difference. A S9 signal on the 706 original doesn't take much. It would take 7 times as much RF energy to generate a S9 signal on the 746PRO, and 3 times as much RF to generate a S9 signal on the MKIIG. I am sure that might be part of the reason we are seeing something different in terms of S meter readings.

73 John AF5CC
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 9:29 AM
Subject: Re: [ic706] 17m and preamp question

You are picking up way too much noise from somewhere. If there are no thunder storms near you, the noise on most of the bands with the preamp on should be very low. Less than an s-3. I have the MK2G and 20 meters and above there is almost no s-meter signal showing most of the time with no signals tuned in. Also have the Icom 746 pro with the preamp on and almsot no s-meter signal showing now. This is with either an off center fed antenna about 130 feet long up 50 feet or a beam up 60 feet. Down on 80 and 40 I seldom use the preamp. During the summer there is often storms that produce lots of noise on those two bands,especially 80.

With the ammount of noise you have, which seems to be all the time, I would look for a local noise source. It could even be power line noise being generated several miles away.

YOu do not have to have a good mobile antenna, just some wire or a 2 meter antenna. I would put the 706 in the car and ride around to see if the noise is near your house or somewhere close by. If your car is generating much noise, you may have to ride down the road a way and stop and cut off the motor..Usually the line noise gets weaker as you go up in frequency, so if it is strong, go to a higher band as you get closer.

--- On Tue, 5/22/12, John G. <af5cc@...> wrote:

From: John G. <af5cc@...>
Subject: [ic706] 17m and preamp question
To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector" <icom@...>
Date: Tuesday, May 22, 2012, 2:54 PM

I am trying to determine if what I am hearing is typical atmospheric noise, of if I have a line noise problem of sorts. Here is my situation:

I have an Icom 706 original model. I find that all three models of theh 706 are too sensitive on 20m and below with the preamp on-you get to listen to a S8 noise or so most of the time. So I leave the preamp off on those bands, and on 30m and below it seems just right on the original model-you see an S1 or so noise level on those bands. On 20m it is probably a little deaf with the preamp off, but works fine. On 15m and above I turn on the preamp and it seems just right.

So what is people's experience on 17m? With the preamp on I see around a S7 or so noise level. WIth it off, it seems to lack a little sensitivity on that band. I did work V85SS on 17m yesterday so I can hear stuff with the noise that my rig is getting, but it is also tiring ot listen to, especially if it is something that can be fixed. So, with your 706 (any model) on 17m, what sort of background noise level are you seeing with the preamp on?

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19714. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 14:41:53 UTC
From: Mark Brueggemann
Topic: 19708  Message: 19714

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

> What frequency on 2 meters do you suggest to best detect
> power line noise?

If you can pick up the interference on 2M, that implies it's either very strong, or very close. I've never been lucky enough to start off on VHF to pick up any EMI/RFI sources.

Start with the frequency you're hearing the interference on. In this case, 17M will not be the easiest to direction find but it can be done even if all you do is drive/walk around with an omni antenna and make notes of S-meter readings as you go. Also make notes of how high you can go in frequency and still hear the noise. With many sources of noise there is a lot of harmonic content and those levels drop off precipitously in strength the higher in frequency you go. It's a pretty good indicator that the place where you can pick up the interference at higher frequencies is closer to the source.

First things first - make sure it's not at your own location. Put the rig on a battery and shut off all the breakers to your house. Light dimmers, cell phone chargers and a myriad of other devices can generate lots of grunge and your own house must be ruled out before you go on a wild goose chase around the neighborhood or blaming the power company.

Mark K5LXP
Albuquerque, NM

# 19715. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:07:00 UTC
From: Ralph Mowery
Topic: 19708  Message: 19715

You can use any frequency where no one is talking. The frequency is often not critical.

Also it is often beter to use the AM mode when tracing down noise.

YOu can ride up and down the road and see if the noise gets stronger or weaker.  As the noise gets stronger on one band, you can often switch to a higher band and the noise will go down.  Then as you get closer , the noise will get stronger on that band.

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@usa.net>
Subject: [ic706] Power Line Noise (was: 17m and preamp question)
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 9:55 AM

Ralph,

What frequency on 2 meters do you suggest to best detect power line noise?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19716. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:09:27 UTC
From: Larry J. Ford
Topic: 19708  Message: 19716

Well, I have one HT with wide receive capability and 2 706s, and an aviation band handheld. I might try them all.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 10:26 AM
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)

Larry, this probally is litlle benefit but when I ran 2n ssb on 144.200 power line noise could be horrendous on the wrong road/highway. Florescent lights too.

Some have talked about using portable radios with aircraft band with success.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 23, 2012, at 8:55 AM, "Larry J. Ford" <lford@...> wrote:

> Ralph,
>
> What frequency on 2 meters do you suggest to best detect power line noise?
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Ralph Mowery
> To: ic706@yahoogroups.com
> Sent: Wednesday, May 23, 2012 5:29 AM
> Subject: Re: [ic706] 17m and preamp question
>
> <SNIP>
> With the ammount of noise you have, which seems to be all the time, I would
> look for a local noise source. It could even be power line noise being
> generated several miles away.
>
> YOu do not have to have a good mobile antenna, just some wire or a 2 meter
> antenna. I would put the 706 in the car and ride around to see if the noise
> is near your house or somewhere close by. If your car is generating much
> noise, you may have to ride down the road a way and stop and cut off the

> motor..Usually the line noise gets weaker as you go up in frequency, so if
> it is strong, go to a higher band as you get closer.
>
> --- On Tue, 5/22/12, John G. <af5cc@...> wrote:
>
> From: John G. <af5cc@...>
> Subject: [ic706] 17m and preamp question
> To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector"
> <icom@...>
> Date: Tuesday, May 22, 2012, 2:54 PM
>
> I am trying to determine if what I am hearing is typical atmospheric noise,
> of if I have a line noise problem of sorts. Here is my situation:
>
> I have an Icom 706 original model. I find that all three models of theh 706
> are too sensitive on 20m and below with the preamp on-you get to listen to a
> S8 noise or so most of the time. So I leave the preamp off on those bands,
> and on 30m and below it seems just right on the original model-you see an S1
> or so noise level on those bands. On 20m it is probably a little deaf with
> the preamp off, but works fine. On 15m and above I turn on the preamp and
> it seems just right.
>
> So what is people's experience on 17m? With the preamp on I see around a S7
> or so noise level. WIth it off, it seems to lack a little sensitivity on
> that band. I did work V85SS on 17m yesterday so I can hear stuff with the
> noise that my rig is getting, but it is also tiring ot listen to, especially
> if it is something that can be fixed. So, with your 706 (any model) on 17m,
> what sort of background noise level are you seeing with the preamp on?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19717. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:14:21 UTC
From: Larry J. Ford
Topic: 19708  Message: 19717

I've done some "sweeping" in my own QTH and did find one of those "touch" lamps to be a big noise generator. Apparently, some (or all) of the "touch/on," "touch/off" lamps have an oscillating device that makes them work that generates a lot of RFI.

Also, I have a wireless router (NETGEAR) that generates 2-meter RFI. I've read that Linksys wireless routers are the worst offenders.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 10:41 AM
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

> What frequency on 2 meters do you suggest to best detect
> power line noise?

If you can pick up the interference on 2M, that implies it's either very strong, or very close. I've never been lucky enough to start off on VHF to pick up any EMI/RFI sources.

Start with the frequency you're hearing the interference on. In this case, 17M will not be the easiest to direction find but it can be done even if all you do is drive/walk around with an omni antenna and make notes of S-meter readings as you go. Also make notes of how high you can go in frequency and still hear the noise. With many sources of noise there is a lot of harmonic content and those levels drop off precipitously in strength the higher in frequency you go. It's a pretty good indicator that the place where you can pick up the interference at higher frequencies is closer to the source.

First things first - make sure it's not at your own location. Put the rig on a battery and shut off all the breakers to your house. Light dimmers, cell phone chargers and a myriad of other devices can generate lots of grunge and your own house must be ruled out before you go on a wild goose chase around the neighborhood or blaming the power company.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 19718. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:28:01 UTC
From: AG0N-3055
Topic: 19708  Message: 19718

On Wed, 23 May 2012 11:09:27 -0400, Larry J. Ford wrote:

> Well, I have one HT with wide receive capability and 2 706s, and an aviation band handheld. I might try them all.

When you get in close, the air band handheld will work well. Decrease the antenna the closer you get to refine the resolution. Take a small sledge hammer to hit the pole when you get to a suspicious one. Give it a good knock and see if the noise varies. You can also shake a guy wire if it has one. This often finds loose hardware up above.

But... be careful. Just because you find a peak in one area and quiet either side doesn't mean the problem is there. It can be miles away and just have lobes. Noise hunting can be very hard work and cover miles, or it can be right next door.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19719. Re: [ic706] 17m and preamp question

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:27:23 UTC
From: Ralph Mowery
Topic: 19704  Message: 19719

Yes, the old S-meter problem.  I hate it when people start mentioning s-meter readings.

I do agree with you that the differance in the s-meter readings could be because of that. However, by ear, there should be very little noise comming out of the speaker compaired to the desired signals when the volume is adjusted for normal while a good signal is on.  That is on the bands above 10 mhz  and much of the time.  If the noise is there most of the time, it is probably something local and not the atmosphere..  Sometimes during the summer, there have been times that there is lots of noise on most of the bands.

You did type in milivolts and I would think that you really ment to put in microvolts.

I have a signal generator that  I can check out the s-meters with, but I don't think I have ever done it more than once or twice on the rigs I have.  I do use it for such things as the SINAD and to compair receivers in other ways.

--- On Wed, 5/23/12, John G. <af5cc@...> wrote:

From: John G. <af5cc@...>
Subject: Re: [ic706] 17m and preamp question
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 10:37 AM

Hi Ralph,

I think some of the difference might be in S meter calabrations.
According to the QST reviews, the strength of a signal (in millivolts) needed for a S9 signal, with the preamp on, is:

| | |
|---|---|
| Icom 706 original | 3.75 |
| Icom 706MKII | 21.1 |
| Icom 706MKIIG | 11.2 |
| Icom 746PRO | 27.5 |

As you can see, there is a pretty big difference.  A S9 signal on the 706 original doesn't take much.  It would take 7 times as much RF energy to generate a S9 signal on the 746PRO, and 3 times as much RF to generate a S9 signal on the MKIIG.  I am sure that might be part of the reason we are seeing something different in terms of S meter readings.

73 John AF5CC

[Non-text portions of this message have been removed]

# 19720. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:40:05 UTC
From: Ralph Mowery
Topic: 19708  Message: 19720

I had to get rid of a Linksystem router because it put a birdy right on the same frequency as the local repeatrer that  I do most of the work on.

I am always hearing horror stories about many things causing problems that do not even have any radio gear in it.  One was a battery charger for a drill.  I do not have one, but have heard the touch lamps often generate noise.

I do not have one mainly because it has been reported the Plasma TVs generate  a lot of noise.   I went to a LED type large screen for that reason.

--- On Wed, 5/23/12, Larry J. Ford <lford@usa.net> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 11:14 AM

I've done some "sweeping" in my own QTH and did find one of those "touch" lamps to be a big noise generator.  Apparently, some (or all) of the "touch/on," "touch/off" lamps have an oscillating device that makes them work that generates a lot of RFI.

Also, I have a wireless router (NETGEAR) that generates 2-meter RFI.  I've read that Linksys wireless routers are the worst offenders.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19721. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 15:42:55 UTC
From: Larry J. Ford
Topic: 19708  Message: 19721

What are the worst offenders for power line noise? The step-down transformers?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: AG0N-3055
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 11:28 AM
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)

On Wed, 23 May 2012 11:09:27 -0400, Larry J. Ford wrote:

> Well, I have one HT with wide receive capability and 2 706s, and an aviation band handheld. I might try them all.

When you get in close, the air band handheld will work well. Decrease the antenna the closer you get to refine the resolution. Take a small sledge hammer to hit the pole when you get to a suspicious one. Give it a good knock and see if the noise varies. You can also shake a guy wire if it has one. This often finds loose hardware up above.

But... be careful. Just because you find a peak in one area and quiet either side doesn't mean the problem is there. It can be miles away and just have lobes. Noise hunting can be very hard work and cover miles, or it can be right next door.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

[Non-text portions of this message have been removed]

# 19722. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 16:31:18 UTC
From: Ralph Mowery
Topic: 19708  Message: 19722

The transformers do not usually make the noise, it is often the loose connections on the power lines.  The substations where lots of transformers are do seem to have a good potential for having the loose connections.

Ham friend had lots of noise and he found it at a substation several miles from his house. Took him about a month or two to find it and get the power company to do anything about it.

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 11:42 AM

What are the worst offenders for power line noise?  The step-down transformers?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19723. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 18:05:40 UTC
From: Larry J. Ford
Topic: 19708  Message: 19723

If you check the reported FCC enforcement cases accessible through the ARRL web site [1], it seems that power companies are the recipient of many of the "enforcement letters" from FCC Enforcement Counsel Laura Smith. Some apparently ignore complaints until threatened with fines by the FCC.

Larry J. Ford
KG4GPJ

[1] Or here: http://transition.fcc.gov/eb/AmateurActions/Welcome.html

----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 12:31 PM
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)

The transformers do not usually make the noise, it is often the loose connections on the power lines. The substations where lots of transformers are do seem to have a good potential for having the loose connections.

Ham friend had lots of noise and he found it at a substation several miles from his house. Took him about a month or two to find it and get the power company to do anything about it.

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 11:42 AM

What are the worst offenders for power line noise? The step-down transformers?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19724. Re: 7062G won't power up!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 18:19:10 UTC
From: Bob MacDonnell
Topic: 19705  Message: 19724

When you say 'fuses' Andrew did you include the 4A fuse inside the case? It is almost hidden. It supplies 12V to the auxiliary socket.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "ei3gsb" <andrew_martin62@...> wrote:
>
> My Mk2G won't power up after I plugged in a G4ZLP digimode interface cable in the back of the rig. The radio was powered up at the time and the interface was connected to the PC. Anyone have a rough idea as to what I may have damaged? I've done the obvious checks of blown fuses but can't see any obvious problem. Any clues??
>
> Cheers,
> Andrew
>

# 19725. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 01:55:17 UTC
From: Facility 406 DM09
Topic: 19708  Message: 19725

"What are the worst offenders for power line noise? The step-down transformers?"

Electricity and every piece of hardware in the system. All a transformer does is change the voltage.

Kurt

# 19726. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 02:00:55 UTC
From: Facility 406 DM09
Topic: 19708  Message: 19726

: What frequency on 2 meters do you suggest to best detect power line noise?

Power line noise won't be isolated to a frequency. Anything within range of the receiver in AM will be fine. I use HF with a 24" antenna and attenuator and can track noise to within a few inches of a pole. I then use a hand-held device to identify the specific piece of hardware or bolt on the pole. I've been chasing RFI for years and the 706 is my primary piece of equipment. In one case I tracked a 4W signal in a building forty-five miles away on a 10" antenna across three valleys, and two mountain ranges.

Kurt

# 19727. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 18:20:11 UTC
From: Michael Vondran
Topic: 19708  Message: 19727

I had a similar problem, though I was using a IC-718 at the time.  I had horrible noise on all bands, but I noticed that almost as soon as I was out of the driveway, it would clear up on my 2m mobile.  That lead me to believe it was pretty close.  I took my 2m meter ht into the back yard and held it close to my body.  When my back was to the utility pole the noise would drop significantly. I suspected it was the pole in my backyard.  It took 2 weeks to get someone from the utility company out to diagnose the problem.  It turned out to be a lightening arrestor that had taken a hit but not failed.  It was arcing.  Since there was no power outage associated with the problem, it was given a low priority for repair and took another 6 weeks to get fixed but once it was fixed everything worked great.

Michael
KC5HUB

---
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Sent: Wednesday, May 23, 2012 11:31 AM
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)

The transformers do not usually make the noise, it is often the loose connections on the power lines.  The substations where lots of transformers are do seem to have a good potential for having the loose connections.

Ham friend had lots of noise and he found it at a substation several miles from his house. Took him about a month or two to find it and get the power company to do anything about it.

--- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
To: ic706@yahoogroups.com
Date: Wednesday, May 23, 2012, 11:42 AM

What are the worst offenders for power line noise?  The step-down transformers?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19728. Re: [ic706] Power Line Noise

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 19:00:03 UTC
From: John Silberman
Topic: 19708  Message: 19728

Aircraft band radios are AM. Any battery powered AM radio works well to
pick up line noise. Try an AM band radio tuned between stations.

John KB4CRT

Mike Rodgers wrote:
> Larry, this probally is litlle benefit but when I ran 2n ssb on 144.200 power line noise could be horrendous on the wrong road/highway. Florescent lights too.
>
> Some have talked about using portable radios with aircraft band with success.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On May 23, 2012, at 8:55 AM, "Larry J. Ford" <lford@...> wrote:
>
>
>> Ralph,
>>
>> What frequency on 2 meters do you suggest to best detect power line noise?
>>
>> Larry J. Ford
>> KG4GPJ
>> ----- Original Message -----
>> From: Ralph Mowery
>> To: ic706@yahoogroups.com
>> Sent: Wednesday, May 23, 2012 5:29 AM
>> Subject: Re: [ic706] 17m and preamp question
>>
>> <SNIP>
>> With the ammount of noise you have, which seems to be all the time, I would
>> look for a local noise source. It could even be power line noise being
>> generated several miles away.
>>
>> YOu do not have to have a good mobile antenna, just some wire or a 2 meter
>> antenna. I would put the 706 in the car and ride around to see if the noise
>> is near your house or somewhere close by. If your car is generating much
>> noise, you may have to ride down the road a way and stop and cut off the
>> motor..Usually the line noise gets weaker as you go up in frequency, so if
>> it is strong, go to a higher band as you get closer.

>>
>> --- On Tue, 5/22/12, John G. <af5cc@...> wrote:
>>
>> From: John G. <af5cc@...>
>> Subject: [ic706] 17m and preamp question
>> To: ic706@yahoogroups.com, IC-706MKIIG@yahoogroups.com, "ICOM Reflector"
>> <icom@...>
>> Date: Tuesday, May 22, 2012, 2:54 PM
>>
>> I am trying to determine if what I am hearing is typical atmospheric noise,
>> of if I have a line noise problem of sorts. Here is my situation:
>>
>> I have an Icom 706 original model. I find that all three models of theh 706
>> are too sensitive on 20m and below with the preamp on-you get to listen to a
>> S8 noise or so most of the time. So I leave the preamp off on those bands,
>> and on 30m and below it seems just right on the original model-you see an S1
>> or so noise level on those bands. On 20m it is probably a little deaf with
>> the preamp off, but works fine. On 15m and above I turn on the preamp and
>> it seems just right.
>>
>> So what is people's experience on 17m? With the preamp on I see around a S7
>> or so noise level. WIth it off, it seems to lack a little sensitivity on
>> that band. I did work V85SS on 17m yesterday so I can hear stuff with the
>> noise that my rig is getting, but it is also tiring ot listen to, especially
>> if it is something that can be fixed. So, with your 706 (any model) on 17m,
>> what sort of background noise level are you seeing with the preamp on?
>>
>> 73 John AF5CC
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>>
>>
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.2176 / Virus Database: 2425/5017 - Release Date: 05/23/12
>
>
>

# 19729. Re: [ic706] Power Line Noise

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-23 18:59:22 UTC
From: John Silberman
Topic: 19708  Message: 19729

Found power line breakers were noisy. They need to be cycled to remove
salt (Florida) and corrosion.

John KB4CRT

Ralph Mowery wrote:
> The transformers do not usually make the noise, it is often the loose connections on the power lines. The substations where lots of transformers are do seem to have a good potential for having the loose connections.
>
> Ham friend had lots of noise and he found it at a substation several miles from his house. Took him about a month or two to find it and get the power company to do anything about it.
>
>
> --- On Wed, 5/23/12, Larry J. Ford <lford@...> wrote:
>
>
> From: Larry J. Ford <lford@...>
> Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
> To: ic706@yahoogroups.com
> Date: Wednesday, May 23, 2012, 11:42 AM
>
>
> What are the worst offenders for power line noise? The step-down transformers?
>
> Larry J. Ford
> KG4GPJ
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> -----
> No virus found in this message.

> Checked by AVG - www.avg.com
> Version: 2012.0.2176 / Virus Database: 2425/5017 - Release Date: 05/23/12
>
>
>
>

# 19730. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 04:21:57 UTC
From: Awallace
Topic: 19708  Message: 19730

--------- Original Message --------
From: ic706@yahoogroups.com
To: ic706@yahoogroups.com <ic706@yahoogroups.com>
Subject: Re: [ic706] Power Line Noise (was: 17m and preamp question)
Date: 24/05/12 11:32

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> "What are the worst offenders for power line noise? The
step-down
> transformers?"
>
> Electricity and every piece of hardware in the system. All a transformer
> does is change the voltage.
>
> Kurt
>
>
>
>
>

>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> IMHO current leakage across insulators and segments cos of contamination
then radiated from the power lines. Esp when wet.

---
sent by Webmail @ Riverland Internet

# 19731. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 12:34:16 UTC
From: Deacon Dave
Topic: 19708  Message: 19731

In the 'olden days' I used my mobile station, Gonset twins, tuned to 10 meters. I would slowly drive up and down the neighborhood and my 'old timer' ham friend Warren,W1MCX-SK, would whack, I mean really whack, the power poles with a baseball bat. The offending pole would exhibit a change in noise characteristics.

I raised some eyebrows! But we would easily isolate the noise sources.

73, Dave W1MCE [W1MCX and I were licensed the same week in the mid 50s]

# 19732. Re: [ic706] Power Line Noise (was: 17m and preamp question)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 13:13:40 UTC
From: Mark Brueggemann
Topic: 19708  Message: 19732

--- On Thu, 5/24/12, Deacon Dave <w1mce@...> wrote:

> whack, I mean really whack, the power poles with a baseball bat.

That works at congested radio sites too. A sledge could damage a tower but a bat just "rings" them. Watching a spectrum analyzer you can see a marked change in the noise floor when you "ring" the offending tower.

Mark K5LXP
Albuquerque, NM

# 19733. Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 15:39:18 UTC
From: Larry J. Ford
Topic: 19733  Message: 19733

On a 2-meter net the other night, some of the other stations noticed a "hum" on transmit on my 706MKII that I was using. The most technically-savvy member of our local club looked at my transmitted signal on some of his equipment and opined that it was the PL tone generator (oscillator?) "over-deviating" (or some such).

I sent him the service manual for the IC-706MKII, and here's what he replied (see his message below). Anyone have any suggestions on adjusting the PL tone deviation level, short of sending the rig back to an ICOM shop? If I do need to send it in, I'll send it to Matt Adrian at SAR Technical Services in Michigan.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Ott
To: Larry J. Ford
Sent: Wednesday, May 23, 2012 8:56 PM
Subject: Re: Hum

I've gone over the schematic of your rig and find no way to adjust the tone deviation level. While I would prefer to check your unit on the bench, I can measure the deviation level on the air. Give me a LL sometime if you want to run an on the air test.

Ott

----- Original Message -----
From: Larry J. Ford
To: Ott Fiebel
Sent: Wednesday, May 23, 2012 9:57 AM
Subject: Re: Hum

ICOM IC-706MKII

See Service Manual attached.

LJF
----- Original Message -----
From: Ott Fiebel
To: Ford, KG4GPJ, Larry
Sent: Wednesday, May 23, 2012 9:39 AM
Subject: Hum

Larry:

Please send me the model number of the radio you were using last night. I'll look up the service data and see what the proper tone levels should be.

Ott

[Non-text portions of this message have been removed]

# 19734. Re: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 15:52:41 UTC
From: Mike Rodgers
Topic: 19733  Message: 19734

Larry, I would try a different power supply or battery/vehicle first.

If the power supply is not sufficient, it will have hum on the output.
My power supply builder showed me this on a scope. Of course you could try reducing power as well.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 24, 2012, at 10:39 AM, "Larry J. Ford" <lford@...> wrote:

> On a 2-meter net the other night, some of the other stations noticed a "hum" on transmit on my 706MKII that I was using. The most technically-savvy member of our local club looked at my transmitted signal on some of his equipment and opined that it was the PL tone generator (oscillator?) "over-deviating" (or some such).
>
> I sent him the service manual for the IC-706MKII, and here's what he replied (see his message below). Anyone have any suggestions on adjusting the PL tone deviation level, short of sending the rig back to an ICOM shop? If I do need to send it in, I'll send it to Matt Adrian at SAR Technical Services in Michigan.
>
> Thanks.
>
> Larry J. Ford
> KG4GPJ
>
> ----- Original Message -----
> From: Ott
> To: Larry J. Ford
> Sent: Wednesday, May 23, 2012 8:56 PM
> Subject: Re: Hum
>
> I've gone over the schematic of your rig and find no way to adjust the tone deviation level. While I would prefer to check your unit on the bench, I can measure the deviation level on the air. Give me a LL sometime if you want to run an on the air test.
>
> Ott
>
> ----- Original Message -----
> From: Larry J. Ford
> To: Ott Fiebel

> Sent: Wednesday, May 23, 2012 9:57 AM
> Subject: Re: Hum
>
> ICOM IC-706MKII
>
> See Service Manual attached.
>
> LJF
> ----- Original Message -----
> From: Ott Fiebel
> To: Ford, KG4GPJ, Larry
> Sent: Wednesday, May 23, 2012 9:39 AM
> Subject: Hum
>
> Larry:
>
> Please send me the model number of the radio you were using last night. I'll look up the service data and see what the proper tone levels should be.
>
> Ott
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19735. Re: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 16:25:50 UTC
From: Larry J. Ford
Topic: 19733  Message: 19735

I was using an AC power supply, an ICOM IC-PS740 switching power supply. Last time I put a VOM on it, it was rock-solid at 13.8 VDC output.

At a little less than 20 watts out on 2-meters, the current draw should not have been a problem, and the PS740 is rated for 20A.

Don't ask me how I know what an under-voltage condition will do to audio!

Thanks.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Thursday, May 24, 2012 11:52 AM
Subject: Re: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Larry, I would try a different power supply or battery/vehicle first.

If the power supply is not sufficient, it will have hum on the output.
My power supply builder showed me this on a scope. Of course you could try reducing power as well.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 24, 2012, at 10:39 AM, "Larry J. Ford" <lford@...> wrote:

> On a 2-meter net the other night, some of the other stations noticed a "hum" on transmit on my 706MKII that I was using. The most technically-savvy member of our local club looked at my transmitted signal on some of his equipment and opined that it was the PL tone generator (oscillator?) "over-deviating" (or some such).
>
> I sent him the service manual for the IC-706MKII, and here's what he replied (see his message below). Anyone have any suggestions on adjusting the PL tone deviation level, short of sending the rig back to an ICOM shop? If I do need to send it in, I'll send it to Matt Adrian at SAR Technical Services in Michigan.
>
> Thanks.
>
> Larry J. Ford
> KG4GPJ

>
> ----- Original Message -----
> From: Ott
> To: Larry J. Ford
> Sent: Wednesday, May 23, 2012 8:56 PM
> Subject: Re: Hum
>
> I've gone over the schematic of your rig and find no way to adjust the tone deviation level. While I would prefer to check your unit on the bench, I can measure the deviation level on the air. Give me a LL sometime if you want to run an on the air test.
>
> Ott
>
> ----- Original Message -----
> From: Larry J. Ford
> To: Ott Fiebel
> Sent: Wednesday, May 23, 2012 9:57 AM
> Subject: Re: Hum
>
> ICOM IC-706MKII
>
> See Service Manual attached.
>
> LJF
> ----- Original Message -----
> From: Ott Fiebel
> To: Ford, KG4GPJ, Larry
> Sent: Wednesday, May 23, 2012 9:39 AM
> Subject: Hum
>
> Larry:
>
> Please send me the model number of the radio you were using last night. I'll look up the service data and see what the proper tone levels should be.
>
> Ott
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19736. Re: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 16:45:44 UTC
From: Mike Rodgers
Topic: 19733  Message: 19736

Larry,

Sounds good. 20w is not going to pull
20amps but worth a try.

You might shoot Matt a email and see if he's heard of that issue.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 24, 2012, at 11:25 AM, "Larry J. Ford" <lford@usa.net> wrote:

> I was using an AC power supply, an ICOM IC-PS740 switching power supply. Last time I put a VOM on it, it was rock-solid at 13.8 VDC output.
>
> At a little less than 20 watts out on 2-meters, the current draw should not have been a problem, and the PS740 is rated for 20A.
>
> Don't ask me how I know what an under-voltage condition will do to audio!
>
> Thanks.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Mike Rodgers
> To: ic706@yahoogroups.com
> Sent: Thursday, May 24, 2012 11:52 AM
> Subject: Re: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII
>
> Larry, I would try a different power supply or battery/vehicle first.
>
> If the power supply is not sufficient, it will have hum on the output.
> My power supply builder showed me this on a scope. Of course you could try reducing power as well.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC

> HF & Echolink mobile
>
> On May 24, 2012, at 10:39 AM, "Larry J. Ford" <lford@...> wrote:
>
> > On a 2-meter net the other night, some of the other stations noticed a "hum" on transmit on my 706MKII that I was using. The most technically-savvy member of our local club looked at my transmitted signal on some of his equipment and opined that it was the PL tone generator (oscillator?) "over-deviating" (or some such).
> >
> > I sent him the service manual for the IC-706MKII, and here's what he replied (see his message below). Anyone have any suggestions on adjusting the PL tone deviation level, short of sending the rig back to an ICOM shop? If I do need to send it in, I'll send it to Matt Adrian at SAR Technical Services in Michigan.
> >
> > Thanks.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ----- Original Message -----
> > From: Ott
> > To: Larry J. Ford
> > Sent: Wednesday, May 23, 2012 8:56 PM
> > Subject: Re: Hum
> >
> > I've gone over the schematic of your rig and find no way to adjust the tone deviation level. While I would prefer to check your unit on the bench, I can measure the deviation level on the air. Give me a LL sometime if you want to run an on the air test.
> >
> > Ott
> >
> > ----- Original Message -----
> > From: Larry J. Ford
> > To: Ott Fiebel
> > Sent: Wednesday, May 23, 2012 9:57 AM
> > Subject: Re: Hum
> >
> > ICOM IC-706MKII
> >
> > See Service Manual attached.
> >
> > LJF
> > ----- Original Message -----
> > From: Ott Fiebel
> > To: Ford, KG4GPJ, Larry
> > Sent: Wednesday, May 23, 2012 9:39 AM
> > Subject: Hum
> >
> > Larry:
> >

> > Please send me the model number of the radio you were using last night. I'll look up the service data and see what the proper tone levels should be.
> >
> > Ott
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19737. RE: EXTERNAL: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 17:04:14 UTC
From: Lefczik, Larry D
Topic: 19733  Message: 19737

I would suggest you first have your friend go to simplex and listen to your rig. Turn the PL tone off and see if it goes away. Change your PL frequency and see if the tone changes. Your friend should be able to tell a 60 Hz Hum from a PL tone.

73,
NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Larry J. Ford
Sent: Thursday, May 24, 2012 11:39 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] Fw: PL Tone "Hum"/Over-Deviation on IC-706MKII

On a 2-meter net the other night, some of the other stations noticed a "hum" on transmit on my 706MKII that I was using. The most technically-savvy member of our local club looked at my transmitted signal on some of his equipment and opined that it was the PL tone generator (oscillator?) "over-deviating" (or some such).

I sent him the service manual for the IC-706MKII, and here's what he replied (see his message below). Anyone have any suggestions on adjusting the PL tone deviation level, short of sending the rig back to an ICOM shop? If I do need to send it in, I'll send it to Matt Adrian at SAR Technical Services in Michigan.

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Ott
To: Larry J. Ford
Sent: Wednesday, May 23, 2012 8:56 PM
Subject: Re: Hum

I've gone over the schematic of your rig and find no way to adjust the tone deviation level. While I would prefer to check your unit on the bench, I can measure the deviation level on the air. Give me a LL sometime if you want to run an on the air test.

Ott

----- Original Message -----
From: Larry J. Ford
To: Ott Fiebel
Sent: Wednesday, May 23, 2012 9:57 AM
Subject: Re: Hum

ICOM IC-706MKII

See Service Manual attached.

LJF
----- Original Message -----
From: Ott Fiebel
To: Ford, KG4GPJ, Larry
Sent: Wednesday, May 23, 2012 9:39 AM
Subject: Hum

Larry:

Please send me the model number of the radio you were using last night. I'll look up the service data and see what the proper tone levels should be.

Ott

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19738. Re: 7062G won't power up!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-24 21:36:04 UTC
From: ei8kf
Topic: 19705  Message: 19738

Yes, checked that one also as well as the fuse in line in the DC lead.
Just got it back today after a friend looked it over. I reckon it's gonna have to go to the UK for repairs now...

Andrew

--- In ic706@yahoogroups.com, "Bob MacDonnell" <sv_siddiqi@...> wrote:
>
> When you say 'fuses' Andrew did you include the 4A fuse inside the case? It is almost hidden. It supplies 12V to the auxiliary socket.
> 73 de bob ve0rdm/vk4bdm
>
> --- In ic706@yahoogroups.com, "ei3gsb" <andrew_martin62@> wrote:
> >
> > My Mk2G won't power up after I plugged in a G4ZLP digimode interface cable in the back of the rig. The radio was powered up at the time and the interface was connected to the PC. Anyone have a rough idea as to what I may have damaged? I've done the obvious checks of blown fuses but can't see any obvious problem. Any clues??
> >
> > Cheers,
> > Andrew
> >
>

# 19739. Re: 7062G won't power up!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-26 11:39:37 UTC
From: ZL1SWW
Topic: 19705  Message: 19739

Hi Andrew,

Maybe worth checking the regulator in the front panel. Death of that one will cause it to not power up. ALso check regs on the PLL board as well.

Cheers,

Simon.
ZL1SWW

--- In ic706@yahoogroups.com, "ei8kf" <ei8kf@...> wrote:
>
> Yes, checked that one also as well as the fuse in line in the DC lead.
> Just got it back today after a friend looked it over. I reckon it's gonna have to go to the UK for repairs now...
>
> Andrew
>
> --- In ic706@yahoogroups.com, "Bob MacDonnell" <sv_siddiqi@> wrote:
> >
> > When you say 'fuses' Andrew did you include the 4A fuse inside the case? It is almost hidden. It supplies 12V to the auxiliary socket.
> > 73 de bob ve0rdm/vk4bdm
> >
> > --- In ic706@yahoogroups.com, "ei3gsb" <andrew_martin62@> wrote:
> > >
> > > My Mk2G won't power up after I plugged in a G4ZLP digimode interface cable in the back of the rig. The radio was powered up at the time and the interface was connected to the PC. Anyone have a rough idea as to what I may have damaged? I've done the obvious checks of blown fuses but can't see any obvious problem. Any clues??
> > >
> > > Cheers,
> > > Andrew
> > >
> >
>

# 19740. Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-26 21:05:59 UTC
From: jkametz@sbcglobal.net
Topic: 19740  Message: 19740

I'm new to the forum and bought a used original 706 from an online swap site. I figured out how to set repeater splits but when I key the mike I hear some kind of random static-like noise over the carrier. I'm puzzled because when I key the mike on simplex --or send digital messages by simplex -- all is quiet (no static). Any idea what's going on, and how to get it fixed?

Thanks in advance for your help.

# 19741. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 07:39:39 UTC
From: aceblaggard
Topic: 19740  Message: 19741

--- In ic706@yahoogroups.com, "jkametz@..." <jkametz@...> wrote:
>
> I'm new to the forum and bought a used original 706 from an online swap site. I figured out how to set repeater splits but when I key the mike I hear some kind of random static-like noise over the carrier. I'm puzzled because when I key the mike on simplex --or send digital messages by simplex -- all is quiet (no static). Any idea what's going on, and how to get it fixed?
>
> Thanks in advance for your help.

You don't say whether you're listen via the repeater or directly to your transmision. If you only hear them when working through the repeater I assume they are being picked up locally at the repeater site. Is it man made interference or just weak signal at the input?

>

# 19742. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 12:01:27 UTC
From: jkametz@sbcglobal.net
Topic: 19740  Message: 19742

I am hearing the static-like, continuous sound while monitoring the return signal from the repeater on another 2 meter rig in my shack. I guess another way to describe it is a hash-like sound. Also, I am using a 2-meter brick to boost the signal, although I can usually hit the repeater from my home with an HT. As I said before, I have no problem with noise on simplex.

--- In ic706@yahoogroups.com, "aceblaggard" <yahoolists@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "jkametz@" <jkametz@> wrote:
> >
> > I'm new to the forum and bought a used original 706 from an online swap site. I figured out how to set repeater splits but when I key the mike I hear some kind of random static-like noise over the carrier. I'm puzzled because when I key the mike on simplex --or send digital messages by simplex -- all is quiet (no static). Any idea what's going on, and how to get it fixed?
> >
> > Thanks in advance for your help.
>
> You don't say whether you're listen via the repeater or directly to your transmision. If you only hear them when working through the repeater I assume they are being picked up locally at the repeater site. Is it man made interference or just weak signal at the input?
>
>
>
> >
>

# 19743. Re: [ic706] Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 14:57:55 UTC
From: Ralph Mowery
Topic: 19740  Message: 19743

There is no real problem. YOur transmitted signal is probably fine.

What is going on is when you are on simplex the monitoring receiver is picking up the signal from your transmitter direct. When you go through the repeater, the monitor receiver is picking up the repeater,but it is also being overloaded by your transmitter. Sort of like trying to pick up two signals at once. The closer you are and the stronger your signal is, the worse it is. If you move the receiver about 500 feet or more away, it would sound fine.

This "problem" is often called front end overload. The monitor receiver just can not separate the two signals when the off frequency one is very strong.

When this happens at a repeater because the repeater does not have enough selectivity, it is often called ''desense'.

--- On Sun, 5/27/12, jkametz@... <jkametz@sbcglobal.net> wrote:

From: jkametz@... <jkametz@...>
Subject: [ic706] Re: Original 706 2m FM problem
To: ic706@yahoogroups.com
Date: Sunday, May 27, 2012, 8:01 AM

I am hearing the static-like, continuous sound while monitoring the return signal from the repeater on another 2 meter rig in my shack. I guess another way to describe it is a hash-like sound. Also, I am using a 2-meter brick to boost the signal, although I can usually hit the repeater from my home with an HT. As I said before, I have no problem with noise on simplex.

--- In ic706@yahoogroups.com, "aceblaggard" <yahoolists@...> wrote:
>
>

[Non-text portions of this message have been removed]

# 19744. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 15:23:09 UTC
From: Ernest L. Kapphahn
Topic: 19740  Message: 19744

You are also likely desensing your 2nd radio by transmitting near it on a near by frequency. There will be no densense if you listen on the input frequency.

[Non-text portions of this message have been removed]

# 19745. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 15:32:57 UTC
From: jkametz@sbcglobal.net
Topic: 19740  Message: 19745

Thanks for your discerning evaluation Ralph,

I never thought about anything like that. To verify, I'll shut off the shack receiver and then get some radio checks/signal reports from remote stations -- but your explanation makes a lot of sense.

Thank you!

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
>
> There is no real problem. YOur transmitted signal is probably fine.
>
>  What is going on is when you are on simplex the monitoring receiver is picking up the signal from your transmitter direct.  When you go through the repeater, the monitor receiver is picking up the repeater,but it is also being overloaded by your transmitter. Sort of like trying to pick up two signals at once.  The closer you are and the stronger your signal is, the worse it is.  If you move the receiver about 500 feet or more away, it would sound fine.
>
> This "problem" is often called front end overload.  The monitor receiver just can not separate the two signals when the off frequency one is very strong.
>
> When this happens at a repeater because the repeater does not have enough selectivity, it is often called ''desense'.
>
>
>
> --- On Sun, 5/27/12, jkametz@... <jkametz@...> wrote:
>
>
> From: jkametz@... <jkametz@...>
> Subject: [ic706] Re: Original 706 2m FM problem
> To: ic706@yahoogroups.com
> Date: Sunday, May 27, 2012, 8:01 AM
>
>
> I am hearing the static-like, continuous sound while monitoring the return signal from the repeater on another 2 meter rig in my shack. I guess another way to describe it is a hash-like sound. Also, I am using a 2-meter brick to boost the signal, although I can usually hit the repeater from my home with an HT. As I said before, I have no problem with noise on simplex.
>
> --- In ic706@yahoogroups.com, "aceblaggard" <yahoolists@> wrote:
> >
> >

>
> [Non-text portions of this message have been removed]
>

# 19746. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 15:19:47 UTC
From: Ernest L. Kapphahn
Topic: 19740  Message: 19746

Listen on your 2nd radio to the input frequency of the repeater, not the output. If there is no noise, then the problem is your signal level into the repeaters. You may have an antenna issue that is causing you to transmit a weak signal. Check it with a VHF-UHF SWR bridge or power meter.

[Non-text portions of this message have been removed]

# 19747. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-28 00:38:54 UTC
From: jkametz@sbcglobal.net
Topic: 19740  Message: 19747

Hi Ralph,

Thought you'd like to know I left the other 2 meter rig off, and had a QSO with someone I heard on the repeater. She gave me a good signal report, saying everything sounded great. Thanks again.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
>
> There is no real problem. YOur transmitted signal is probably fine.
>
>  What is going on is when you are on simplex the monitoring receiver is picking up the signal from your transmitter direct.  When you go through the repeater, the monitor receiver is picking up the repeater,but it is also being overloaded by your transmitter. Sort of like trying to pick up two signals at once.  The closer you are and the stronger your signal is, the worse it is.  If you move the receiver about 500 feet or more away, it would sound fine.
>
> This "problem" is often called front end overload.  The monitor receiver just can not separate the two signals when the off frequency one is very strong.
>
> When this happens at a repeater because the repeater does not have enough selectivity, it is often called ''desense'.
>
>
>
> --- On Sun, 5/27/12, jkametz@... <jkametz@...> wrote:
>
>
> From: jkametz@... <jkametz@...>
> Subject: [ic706] Re: Original 706 2m FM problem
> To: ic706@yahoogroups.com
> Date: Sunday, May 27, 2012, 8:01 AM
>
>
> I am hearing the static-like, continuous sound while monitoring the return signal from the repeater on another 2 meter rig in my shack. I guess another way to describe it is a hash-like sound. Also, I am using a 2-meter brick to boost the signal, although I can usually hit the repeater from my home with an HT. As I said before, I have no problem with noise on simplex.
>
> --- In ic706@yahoogroups.com, "aceblaggard" <yahoolists@> wrote:
> >
> >
>

> [Non-text portions of this message have been removed]
>

# 19748. Re: [ic706] Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-28 14:30:24 UTC
From: Ralph Mowery
Topic: 19740  Message: 19748

Thanks for letting us know.  As I thought there is no problem with your transmitter, just overloading the receiver because it is so close.

--- On Sun, 5/27/12, jkametz@... <jkametz@...> wrote:

From: jkametz@... <jkametz@...>
Subject: [ic706] Re: Original 706 2m FM problem
To: ic706@yahoogroups.com
Date: Sunday, May 27, 2012, 8:38 PM

Hi Ralph,

Thought you'd like to know I left the other 2 meter rig off, and had a QSO with someone I heard on the repeater. She gave me a good signal report, saying everything sounded great. Thanks again.

[Non-text portions of this message have been removed]

# 19749. "Original" IC-706 and JPS NIR-12

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-30 15:05:36 UTC
From: Larry J. Ford
Topic: 19749  Message: 19749

Has anyone used an "original" IC-706 with a JPS NIR-12 (external AF DSP)?

If so, I'd be interested in hearing how well the combination worked (or didn't).

73,

[Non-text portions of this message have been removed]

# 19750. Re: [ic706] "Original" IC-706 and JPS NIR-12

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-30 15:27:40 UTC
From: Mike Rodgers
Topic: 19749  Message: 19750

I've used a mk2 with the mfj unit.

I got it used. It helps some on ssb. Guys say they really work well on cw. I used to have interference from a net 2.5kc away. It helped to at least make out my group but I eventually upgraded rigs which I wanted a bigger desktop rig anyway.
I decided on a down conversion receiver.
I'm not familiar with that particular model Larry.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 30, 2012, at 10:05 AM, "Larry J. Ford" <lford@...> wrote:

> Has anyone used an "original" IC-706 with a JPS NIR-12 (external AF DSP)?
>
> If so, I'd be interested in hearing how well the combination worked (or didn't).
>
> 73,
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19751. Re: [ic706] "Original" IC-706 and JPS NIR-12

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-30 16:19:39 UTC
From: Larry J. Ford
Topic: 19749  Message: 19751

Mike,

The JPS NIR-12 was a mid to late '90s stand-alone AF DSP unit, fairly-well regarded from what I have read. http://www.eham.net/reviews/review/62746 JPS was acquired by Raytheon, and got out of the ham business.

I bought it brand-new, in-the-box, never used, at a ham club auction in 2000 for $50.00. It's been in my closet ever since. Some folks will pay a good price for this unit, and I've seen sales in the $100 - $200 range.
( e.g., http://www.eham.net/classifieds/detail/375119 ) Apparently, it's a good way to add some AF DSP capability to older rigs that didn't have it and can't accept an internal AF DSP module (e.g., the original IC-706).

My original 706 is now going to become my "back-up" HF unit (behind my IC-7200), and since I call the NC ARES HF net weekly on 75 meters, I thought it might be useful to get it up and running. Especially since my 7200 just went to ICOM Service Center - Michigan (Matt Adrian) for a MARS mod.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Wednesday, May 30, 2012 11:27 AM
Subject: Re: [ic706] "Original" IC-706 and JPS NIR-12

I've used a mk2 with the mfj unit.

I got it used. It helps some on ssb. Guys say they really work well on cw. I used to have interference from a net 2.5kc away. It helped to at least make out my group but I eventually upgraded rigs which I wanted a bigger desktop rig anyway.
I decided on a down conversion receiver.
I'm not familiar with that particular model Larry.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 30, 2012, at 10:05 AM, "Larry J. Ford" <lford@usa.net> wrote:

> Has anyone used an "original" IC-706 with a JPS NIR-12 (external AF DSP)?
>
> If so, I'd be interested in hearing how well the combination worked (or didn't).

>
> 73,
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19752. Using 2 706s for crossband repeat

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-30 20:25:56 UTC
From: John G.
Topic: 19752  Message: 19752

I am looking for a way to get crossband repeat from HF/6m to 2m/70cm, and can't afford a TS2000 right now. I am wondering if this idea would work. If I had 2 Icom 706s, I am thinking of interfacing them for crossband repeat using the mic jack on each one. The receive audio is available at the mic jack, so if I hooked up the mic audio out on one to the mic audio in on the other and put the rigs on VOX, and squelched the audio on each, would it work like crossband repeat. As the receive squelched opened on the one rig, it should take the other 706 transmit via VOX.

Would the interface cable between the 2 mic jacks be this easy? Just take the receive audio from one and wire it to the mic audio on the other, and vice versa. Anyone try this yet?

73 John AF5CC

[Non-text portions of this message have been removed]

# 19753. Re: Using 2 706s for crossband repeat

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 01:17:10 UTC
From: olemancubkohler
Topic: 19752  Message: 19753

>> The Yaesu FT-8900 has crossband built into it, I had one & it worked great, KA8PGW, Merv

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> I am looking for a way to get crossband repeat from HF/6m to 2m/70cm, and can't afford a TS2000 right now. I am wondering if this idea would work. If I had 2 Icom 706s, I am thinking of interfacing them for crossband repeat using the mic jack on each one. The receive audio is available at the mic jack, so if I hooked up the mic audio out on one to the mic audio in on the other and put the rigs on VOX, and squelched the audio on each, would it work like crossband repeat. As the receive squelched opened on the one rig, it should take the other 706 transmit via VOX.
>
> Would the interface cable between the 2 mic jacks be this easy? Just take the receive audio from one and wire it to the mic audio on the other, and vice versa. Anyone try this yet?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>

# 19754. Re: [ic706] Re: Using 2 706s for crossband repeat

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 01:49:01 UTC
From: LARRY J. FORD
Topic: 19752  Message: 19754

The FT-8900 won't work for the original poster if he wants to cross-band repeat to or from an HF frequency OTHER than the FM segment of 10 meters which is all the FT-8900 covers in the 10 meter band. It's an FM-only rig.

Of course, the original poster didn't state exactly what he wanted to do.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 30 May 2012 09:18:21 PM EDT
From: "olemancubkohler" <merub@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Using 2 706s for crossband repeat

> >> The Yaesu FT-8900 has crossband built into it, I had one & it worked great, KA8PGW, Merv
>
> --- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
> >
> > I am looking for a way to get crossband repeat from HF/6m to 2m/70cm, and can't afford a TS2000 right now. I am wondering if this idea would work. If I had 2 Icom 706s, I am thinking of interfacing them for crossband repeat using the mic jack on each one. The receive audio is available at the mic jack, so if I hooked up the mic audio out on one to the mic audio in on the other and put the rigs on VOX, and squelched the audio on each, would it work like crossband repeat. As the receive squelched opened on the one rig, it should take the other 706 transmit via VOX.
> >
> > Would the interface cable between the 2 mic jacks be this easy? Just take the receive audio from one and wire it to the mic audio on the other, and vice versa. Anyone try this yet?
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

# 19755. Re: [ic706] Re: Using 2 706s for crossband repeat

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 01:50:03 UTC
From: John G.
Topic: 19752  Message: 19755

I have used a FT8900 and it does work great on crossband repeat. However, it is limited to FM and 6m/10m on the long distance band side of things. I was hoping to get on 6m SSB, or maybe 20m or 15m SSB as well and do some real DXing!

73 John AF5CC

----- Original Message -----
From: olemancubkohler
To: ic706@yahoogroups.com
Sent: Thursday, May 31, 2012 1:17 AM
Subject: [ic706] Re: Using 2 706s for crossband repeat

>> The Yaesu FT-8900 has crossband built into it, I had one & it worked great, KA8PGW, Merv

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> I am looking for a way to get crossband repeat from HF/6m to 2m/70cm, and can't afford a TS2000 right now. I am wondering if this idea would work. If I had 2 Icom 706s, I am thinking of interfacing them for crossband repeat using the mic jack on each one. The receive audio is available at the mic jack, so if I hooked up the mic audio out on one to the mic audio in on the other and put the rigs on VOX, and squelched the audio on each, would it work like crossband repeat. As the receive squelched opened on the one rig, it should take the other 706 transmit via VOX.
>
> Would the interface cable between the 2 mic jacks be this easy? Just take the receive audio from one and wire it to the mic audio on the other, and vice versa. Anyone try this yet?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 19756. Distorted transmit audio on SSB ( HF )

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 08:39:42 UTC
From: ON4BBQ
Topic: 19756  Message: 19756

dear all,

was looking into the messages on this forum but no joy.

My IC-706 Mk2G ( first owner, +10 years old ) has developped distorted audio in transmit on both SSB in HF.

Voltage supply is indicating 13.8 V.

Any ideas what can be the culprit ?

Many thanks and 73

Ronald, ON4BBQ ( LX3RB , N2YCQ )

# 19757. Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 08:08:39 UTC
From: on1cfx
Topic: 19757  Message: 19757

Now here is a question for the 706 expert (mkII). This one came in very sick put now is almost fixed. A strange thing happens with the output power. If I start transmitting low power, and then while continuing to transmit, slowly ramp up the power out setting (like 1 step a second, slowly rotating the dial), power goes up to full output, and I can keep it there indefinitely (so all seems ok now with drivers and finals). This works about 1 out 5 times. Other times, or when you start at H setting, power never goes above 10W.

All alignments react as they should, APC is good, so something must be providing power foldback at some point?

I am really puzzled by this one.
Thanks for any advice,

Xtof 73 on4iy.

# 19758. Re: Original 706 2m FM problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-27 21:52:10 UTC
From: jkametz@sbcglobal.net
Topic: 19740  Message: 19758

Thanks for your input Earnest.

--- In ic706@yahoogroups.com, "Ernest L. Kapphahn" <bookcollector@...> wrote:
>
> Listen on your 2nd radio to the input frequency of the repeater, not the output. If there is no noise, then the problem is your signal level into the repeaters. You may have an antenna issue that is causing you to transmit a weak signal. Check it with a VHF-UHF SWR bridge or power meter.
>
>
> [Non-text portions of this message have been removed]
>

# 19759. Re: [ic706] Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 12:27:03 UTC
From: AG0N-3055
Topic: 19757  Message: 19759

On Thu, 31 May 2012 08:08:39 -0000, on1cfx wrote:

> If I start transmitting low power, and then while continuing to transmit, slowly ramp up the power out setting (like 1 step a second, slowly rotating the dial), power goes up to full output, and I can keep it there indefinitely (so all seems ok now with drivers and finals). This works about 1 out 5 times. Other times, or when you start at H setting, power never goes above 10W.

Almost sounds like high VSWR is causing the protection to kick in. Does
it do it on a proper dummy load too?

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19760. Re: [ic706] Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 12:29:45 UTC
From: Christophe Huygens
Topic: 19757  Message: 19760

this is on perfect dummy load, and VSWR remains 1:1

as far as I can tell now, the ALC is doing its job, but the CPU D/A
never nevers seems to
provide a high enough ALC ref voltage/

very odd

X

On 31/05/12 14:27, AG0N-3055 wrote:
>
> On Thu, 31 May 2012 08:08:39 -0000, on1cfx wrote:
>
> > If I start transmitting low power, and then while continuing to
> transmit, slowly ramp up the power out setting (like 1 step a second,
> slowly rotating the dial), power goes up to full output, and I can
> keep it there indefinitely (so all seems ok now with drivers and
> finals). This works about 1 out 5 times. Other times, or when you
> start at H setting, power never goes above 10W.
>
> Almost sounds like high VSWR is causing the protection to kick in. Does
> it do it on a proper dummy load too?
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>
>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

[Non-text portions of this message have been removed]

# 19761. Re: [ic706] Distorted transmit audio on SSB ( HF )

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 13:58:12 UTC
From: Larry J. Ford
Topic: 19756  Message: 19761

Check the supply under load, if you didn't do that already.

What is the amp rating of the supply?

Larry J. Ford
KG4GPJ
----- Original Message -----
From: ON4BBQ
To: ic706@yahoogroups.com
Sent: Thursday, May 31, 2012 4:39 AM
Subject: [ic706] Distorted transmit audio on SSB ( HF )

dear all,

was looking into the messages on this forum but no joy.

My IC-706 Mk2G ( first owner, +10 years old ) has developped distorted audio in transmit on both SSB in HF.

Voltage supply is indicating 13.8 V.

Any ideas what can be the culprit ?

Many thanks and 73

Ronald, ON4BBQ ( LX3RB , N2YCQ )

[Non-text portions of this message have been removed]

# 19762. Re: [ic706] Distorted transmit audio on SSB ( HF )

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 13:35:59 UTC
From: LEWIS THOMAS
Topic: 19756  Message: 19762

It may be obvious to some but could be the rit control has been alterd without noticing,
73 MW0LEW

From: ON4BBQ <on4bbq@...>
To: ic706@yahoogroups.com
Sent: Thursday, 31 May 2012, 9:39
Subject: [ic706] Distorted transmit audio on SSB ( HF )

dear all,

was looking into the messages on this forum but no joy.

My IC-706 Mk2G ( first owner, +10 years old ) has developped distorted audio in transmit on both SSB in HF.

Voltage supply is indicating 13.8 V.

Any ideas what can be the culprit ?

Many thanks and 73

Ronald, ON4BBQ ( LX3RB , N2YCQ )

[Non-text portions of this message have been removed]

# 19763. Re: [ic706] Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 16:50:11 UTC
From: Deacon Dave
Topic: 19757  Message: 19763

The 706 ALC has a short but finite transient at start up. It calls for full power for several 10's of milliseconds then turns power down.

Possible: you have a defective component in the ALC Loop??

----- Original Message -----
From: on1cfx
To: ic706@yahoogroups.com
Sent: Thursday, May 31, 2012 4:08 AM
Subject: [ic706] Strange power out problem

Now here is a question for the 706 expert (mkII). This one came in very sick put now is almost fixed. A strange thing happens with the output power. If I start transmitting low power, and then while continuing to transmit, slowly ramp up the power out setting (like 1 step a second, slowly rotating the dial), power goes up to full output, and I can keep it there indefinitely (so all seems ok now with drivers and finals). This works about 1 out 5 times. Other times, or when you start at H setting, power never goes above 10W.

All alignments react as they should, APC is good, so something must be providing power foldback at some point?

I am really puzzled by this one.
Thanks for any advice,

Xtof 73 on4iy.

[Non-text portions of this message have been removed]

# 19764. Re: [ic706] Distorted transmit audio on SSB ( HF )

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 16:50:57 UTC
From: Deacon Dave
Topic: 19756  Message: 19764

Or, rf getting into the audio??

----- Original Message -----
From: ON4BBQ
To: ic706@yahoogroups.com
Sent: Thursday, May 31, 2012 4:39 AM
Subject: [ic706] Distorted transmit audio on SSB ( HF )

dear all,

was looking into the messages on this forum but no joy.

My IC-706 Mk2G ( first owner, +10 years old ) has developped distorted audio in transmit on both SSB in HF.

Voltage supply is indicating 13.8 V.

Any ideas what can be the culprit ?

Many thanks and 73

Ronald, ON4BBQ ( LX3RB , N2YCQ )

[Non-text portions of this message have been removed]

# 19765. Re: [ic706] Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-05-31 19:02:38 UTC
From: Christophe Huygens
Topic: 19757  Message: 19765

Yes it is definitely ALC related, since full output can easily be achieved by bypassing the ALC... It is like the processor and analog digital converter sometimes output the correct ALC ref voltage, and then a bit later it is gone.

I have also noticed the power coming back up to full strength only to go away after a few seconds, if you keep the rig keyed for a few minutes.

All analog circuits seem good.

Xtof.
on4iy

On 31/05/12 18:50, Deacon Dave wrote:
>
> The 706 ALC has a short but finite transient at start up. It calls for
> full power for several 10's of milliseconds then turns power down.
>
> Possible: you have a defective component in the ALC Loop??
>
> ----- Original Message -----
> From: on1cfx
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Thursday, May 31, 2012 4:08 AM
> Subject: [ic706] Strange power out problem
>
> Now here is a question for the 706 expert (mkII). This one came in
> very sick put now is almost fixed. A strange thing happens with the
> output power. If I start transmitting low power, and then while
> continuing to transmit, slowly ramp up the power out setting (like 1
> step a second, slowly rotating the dial), power goes up to full
> output, and I can keep it there indefinitely (so all seems ok now with
> drivers and finals). This works about 1 out 5 times. Other times, or
> when you start at H setting, power never goes above 10W.
>
> All alignments react as they should, APC is good, so something must be
> providing power foldback at some point?
>
> I am really puzzled by this one.
> Thanks for any advice,
>
> Xtof 73 on4iy.
>
> [Non-text portions of this message have been removed]
>
>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

[Non-text portions of this message have been removed]

# 19766. Re: Strange power out problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-01 12:50:57 UTC
From: on1cfx
Topic: 19757  Message: 19766

I replaced the POC output from the CPU/ DA converter with
an external source and the ALC works perfect, up to and
including full Pout.
So I can only conclude it is the DA or processor going
haywire.

Xtof
on4iy

--- In ic706@yahoogroups.com, Christophe Huygens <christophe.huygens@...> wrote:
>
> Yes it is definitely ALC related, since full output can easily be achieved
> by bypassing the ALC... It is like the processor and analog digital
> converter sometimes output the correct ALC ref voltage, and then a bit
> later it is gone.
>
> I have also noticed the power coming back up to full strength only to
> go away after a few seconds, if you keep the rig keyed for a few minutes.
>
> All analog circuits seem good.
>
> Xtof.
> on4iy
>
>
> On 31/05/12 18:50, Deacon Dave wrote:
> >
> > The 706 ALC has a short but finite transient at start up. It calls for
> > full power for several 10's of milliseconds then turns power down.
> >
> > Possible: you have a defective component in the ALC Loop??
> >
> > ----- Original Message -----
> > From: on1cfx
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Sent: Thursday, May 31, 2012 4:08 AM
> > Subject: [ic706] Strange power out problem
> >
> > Now here is a question for the 706 expert (mkII). This one came in
> > very sick put now is almost fixed. A strange thing happens with the
> > output power. If I start transmitting low power, and then while
> > continuing to transmit, slowly ramp up the power out setting (like 1
> > step a second, slowly rotating the dial), power goes up to full
> > output, and I can keep it there indefinitely (so all seems ok now with
> > drivers and finals). This works about 1 out 5 times. Other times, or

> > when you start at H setting, power never goes above 10W.
> >
> > All alignments react as they should, APC is good, so something must be
> > providing power foldback at some point?
> >
> > I am really puzzled by this one.
> > Thanks for any advice,
> >
> > Xtof 73 on4iy.
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm
>
>
> [Non-text portions of this message have been removed]
>

# 19767. Readable parts layout for 706-MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-03 17:23:25 UTC
From: tj
Topic: 19767  Message: 19767

I am having a problem with my MKII with 2 meter power output. sometimes it actually puts out 20 watts, but mostly it is down around 6 watts. I am trying to trace down the problem and I have a downloaded service manual. According to it the the measured FORV is compared to POC, i.e. power setting at IC7 and it's output determines power out. I.E. it makes FORV to the same level as POC.

Problem in my downloaded service manual the parts layout pages are pretty useless, basically unreadable. So, I cannot locate IC7.

Does somebody have a MKII service manual where the parts layouts are readable?

Jeff
wd4nmq

# 19768. Antenna rotor

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 00:26:34 UTC
From: Jess Rogers
Topic: 19768  Message: 19768

Anyone had experience witha Mosley Pro-Search antenna rotor controller.?

Icom hooked up today, Great on 2 and 10 meters. Wonderfull audio. Alot better sounding than that old Kenwood.

[Non-text portions of this message have been removed]

# 19769. FS: NIB UT-106 DSP unit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-03 18:40:25 UTC
From: TimB
Topic: 19769  Message: 19769

I bought a UT-106 DSP unit with intention of putting it in my IC-706, not enough research done so now I know it wont work in the original 706. So, my loss is your gain. I paid $90, Ill sell for $60 shipped. Comes in original box with original instructions. Paypal or MO.

Email for more information...

73

KD0EZQ

# 19770. Re: Readable parts layout for 706-MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 12:18:11 UTC
From: Don
Topic: 19767  Message: 19770

I can't tell you how many hours i've spent picking my way thru those boards mapping out components and pc traces to troubleshoot a problem. Most of the time the fix is faster than mapping the board. Would have loved to get my hands on a better parts layout for those boards.

73 don

--- In ic706@yahoogroups.com, tj <999alfred@...> wrote:
>
> I am having a problem with my MKII with 2 meter power output. sometimes
> it actually puts out 20 watts, but mostly it is down around 6 watts. I
> am trying to trace down the problem and I have a downloaded service
> manual. According to it the the measured FORV is compared to POC, i.e.
> power setting at IC7 and it's output determines power out. I.E. it makes
> FORV to the same level as POC.
>
> Problem in my downloaded service manual the parts layout pages are
> pretty useless, basically unreadable. So, I cannot locate IC7.
>
> Does somebody have a MKII service manual where the parts layouts are
> readable?
>
> Jeff
> wd4nmq
>

# 19771. DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 12:39:47 UTC
From: storm.bringer2@comcast.net
Topic: 19771  Message: 19771

Greetings to the group I would like some info I have a MK2G and I would like to purchase the DSP Unit UT-106 and the 2 Sideband filters FL-103 FL-223 was just wondering if anyone had any opinions on how they work..Thanks in advance...Mark N3DHE

[Non-text portions of this message have been removed]

# 19772. Re: [ic706] Re: Readable parts layout for 706-MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 12:43:58 UTC
From: Christophe Huygens
Topic: 19767  Message: 19772

I have the service manual on paper so can scan any resolution required.
Although with the gray/pink it is not even easy to see on paper.

Xtof

On 04/06/12 14:18, Don wrote:
>
> I can't tell you how many hours i've spent picking my way thru those
> boards mapping out components and pc traces to troubleshoot a problem.
> Most of the time the fix is faster than mapping the board. Would have
> loved to get my hands on a better parts layout for those boards.
>
> 73 don
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, tj
> <999alfred@...> wrote:
> >
> > I am having a problem with my MKII with 2 meter power output. sometimes
> > it actually puts out 20 watts, but mostly it is down around 6 watts. I
> > am trying to trace down the problem and I have a downloaded service
> > manual. According to it the the measured FORV is compared to POC, i.e.
> > power setting at IC7 and it's output determines power out. I.E. it
> makes
> > FORV to the same level as POC.
> >
> > Problem in my downloaded service manual the parts layout pages are
> > pretty useless, basically unreadable. So, I cannot locate IC7.
> >
> > Does somebody have a MKII service manual where the parts layouts are
> > readable?
> >
> > Jeff
> > wd4nmq
> >
>
>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

[Non-text portions of this message have been removed]

# 19773. Re: [ic706] DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 13:53:45 UTC
From: Joe Isabella
Topic: 19771  Message: 19773

Mark,
All US MKIIGs have DSP already in them.  Where did you get yours?

Joe, N3JI

_____
From: "storm.bringer2@comcast.net" <storm.bringer2@...>
To: ic706@yahoogroups.com
Sent: Monday, June 4, 2012 7:39 AM
Subject: [ic706] DSP and Filter Units

Greetings to the group I would like some info I have a MK2G and I would like to purchase the DSP Unit UT-106 and the 2 Sideband filters FL-103 FL-223 was just wondering if anyone had any opinions on how they work..Thanks in advance...Mark N3DHE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19774. DSP Solution for "original" 706 (was: FS: NIB UT-106 DSP unit)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 14:05:55 UTC
From: Larry J. Ford
Topic: 19774  Message: 19774

Tim,

I had the same problem, an "original" 706 which would not accept the ICOM UT-106 AF DSP unit. Trying to use it as a back-up HF rig was somewhat "frustrating" after being used to the AF DSP in my IC-706MKII and the IF DSP in my IC-7200.

My solution (one of the few available for the original 706) was to match the 706 to a JPS NIR-12, a stand-alone AF DSP unit. You feed the audio output of the rig into the NIR-12 and plug headphones or a speaker into the DSP unit.

http://www.eham.net/reviews/detail/232%3Fehamsid%3D05000876493544318efc6524a00d3088

Fortunately, I had sitting in the closet that I bought one at a ham club auction several years ago. After setting it up and beginning to "play" with it over the weekend, I've concluded that it is at least as effective as the UT-106 in my 706MKII, and may be more effective once I learn all the settings and tweaks.

From time-to-time, you see one of these (or its predecessor the NIR-10) up for sale on the ham swap forums or at hamfests, so that might be one solution if you intend to stick with the original IC-706.

I think there's a couple of other alternatives out there, such as an AF DSP speaker ("Clear Speech" or some such), but I don't know anything about those.

HTH.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: TimB
To: ic706@yahoogroups.com
Sent: Sunday, June 03, 2012 2:40 PM
Subject: [ic706] FS: NIB UT-106 DSP unit

I bought a UT-106 DSP unit with intention of putting it in my IC-706, not enough research done so now I know it wont work in the original 706. So, my loss is your gain. I paid $90, Ill sell for $60 shipped. Comes in original box with original instructions. Paypal or MO.

Email for more information...

73

KD0EZQ

[Non-text portions of this message have been removed]

# 19775. Re: [ic706] DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-04 16:17:20 UTC
From: Mike Rodgers
Topic: 19771  Message: 19775

Hi Mark,

I think your mk2g came with the dsp but someone may have pulled it out and sold it. How dare them!
Personally, the dsp is not very good except I believe it provides a notch filter for cw. For ssb I'll give it $50 in actual value.

Early on I bought the wide ssb filter but never really used it. Use the narrow filter all the time.
I may even have a wide ssb filter I bought for a second rig.

I've got a mk2g and a mk2.

If your new to the 706, some of them have discontinued finals so keep swr 1.7 or below. On fm probally lower than that.
The swr meter only works on hf, gives a false 1.1 reading on 2m/70cm.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jun 4, 2012, at 7:39 AM, <storm.bringer2@...> wrote:

> Greetings to the group I would like some info I have a MK2G and I would like to purchase the DSP Unit UT-106 and the 2 Sideband filters FL-103 FL-223 was just wondering if anyone had any opinions on how they work..Thanks in advance...Mark N3DHE
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19776. Re: [ic706] DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-05 01:53:15 UTC
From: storm.bringer2@comcast.net
Topic: 19771  Message: 19776

Thank you mike I do have the DSP unit installed I forgot all about it....I was more concerned with the ssb filters now I have never used any filters before is it worth getting them?..Mark N3DHE

From: Mike Rodgers
Sent: Monday, June 04, 2012 12:17 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] DSP and Filter Units

Hi Mark,

I think your mk2g came with the dsp but someone may have pulled it out and sold it. How dare them!
Personally, the dsp is not very good except I believe it provides a notch filter for cw. For ssb I'll give it $50 in actual value.

Early on I bought the wide ssb filter but never really used it. Use the narrow filter all the time.
I may even have a wide ssb filter I bought for a second rig.

I've got a mk2g and a mk2.

If your new to the 706, some of them have discontinued finals so keep swr 1.7 or below. On fm probally lower than that.
The swr meter only works on hf, gives a false 1.1 reading on 2m/70cm.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jun 4, 2012, at 7:39 AM, <mailto:storm.bringer2%40comcast.net> wrote:

> Greetings to the group I would like some info I have a MK2G and I would like to purchase the DSP Unit UT-106 and the 2 Sideband filters FL-103 FL-223 was just wondering if anyone had any opinions on how they work..Thanks in advance...Mark N3DHE
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19777. Re: [ic706] DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-05 02:18:58 UTC
From: Ralph Mowery
Topic: 19771  Message: 19777

I do not think either of the ssb filters are worth the cost.  The CW filters are ok.
I have the 1.8 kc filter in a 706llG, but only payed about $ 60 for a used one at a hamfest.  Hardly ever use it.  If I were to get one it would be narrow instead of wide.

One reason I bought  the 746pro later on was the filters are digital and nothing extra to buy.  I do still have the 706.  Seems that lots of companies want a high price for the 'extras'.  Years ago a dealer told me he would like to just sell the extras and not rigs.

--- On Mon, 6/4/12, storm.bringer2@... <storm.bringer2@...> wrote:

From: storm.bringer2@... <storm.bringer2@...>
Subject: Re: [ic706] DSP and Filter Units
To: ic706@yahoogroups.com
Date: Monday, June 4, 2012, 9:53 PM

Thank you mike I do have the DSP unit installed I forgot all about it....I was more concerned with the ssb filters now I have never used any filters before is it worth getting them?..Mark N3DHE

[Non-text portions of this message have been removed]

# 19778. Re: [ic706] DSP and Filter Units

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-05 02:51:26 UTC
From: storm.bringer2@comcast.net
Topic: 19771  Message: 19778

Well thank you......maybe ill just save the 100 bucks and put it towards something else

From: Ralph Mowery
Sent: Monday, June 04, 2012 10:18 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] DSP and Filter Units

I do not think either of the ssb filters are worth the cost. The CW filters are ok.
I have the 1.8 kc filter in a 706llG, but only payed about $ 60 for a used one at a hamfest. Hardly ever use it. If I were to get one it would be narrow instead of wide.

One reason I bought the 746pro later on was the filters are digital and nothing extra to buy. I do still have the 706. Seems that lots of companies want a high price for the 'extras'. Years ago a dealer told me he would like to just sell the extras and not rigs.

--- On Mon, 6/4/12, mailto:storm.bringer2%40comcast.net <mailto:storm.bringer2%40comcast.net> wrote:

From: mailto:storm.bringer2%40comcast.net <mailto:storm.bringer2%40comcast.net>
Subject: Re: [ic706] DSP and Filter Units
To: mailto:ic706%40yahoogroups.com
Date: Monday, June 4, 2012, 9:53 PM

Thank you mike I do have the DSP unit installed I forgot all about it....I was more concerned with the ssb filters now I have never used any filters before is it worth getting them?..Mark N3DHE

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19779. Re: Distorted transmit audio on SSB ( HF )

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-05 13:58:55 UTC
From: ON4BBQ
Topic: 19756  Message: 19779

thank you all dear gents for your replies.

So far problem not solved yet however.

73 de Ronald, ON4BBQ

--- In ic706@yahoogroups.com, "Deacon Dave" <w1mce@...> wrote:
>
> Or, rf getting into the audio??
>
>
> ----- Original Message -----
> From: ON4BBQ
> To: ic706@yahoogroups.com
> Sent: Thursday, May 31, 2012 4:39 AM
> Subject: [ic706] Distorted transmit audio on SSB ( HF )
>
>
>
> dear all,
>
> was looking into the messages on this forum but no joy.
>
> My IC-706 Mk2G ( first owner, +10 years old ) has developped distorted audio in transmit on both SSB in HF.
>
> Voltage supply is indicating 13.8 V.
>
> Any ideas what can be the culprit ?
>
> Many thanks and 73
>
> Ronald, ON4BBQ ( LX3RB , N2YCQ )
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 19780. Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 14:25:47 UTC
From: g1zhd
Topic: 19780  Message: 19780

Hi All

I've been spending many an hour pondering over getting a desktop condensor microphone and EQ/Mixer/Pramp unit and I still feel I am none the wiser. Just as I was getting close to spending the money on the Heil PR-781 I noticed in the smallprint it stated 'not suitable for 706'.

What is everyone's experiences so far. I can see that I can buy a 1 inch condensor microphone for as little as 50GBP and a mixer for about the same, but what aren't you getting, as opposed to 400GBP microphone and 500GBP preamp and eq units.

Why is there such a big difference and where do you get the most bang per buck? I just want to be a little more punchy than the standard hand microphone. I do have a Heil Pro Set Elite on order, which is taking weeks to get, but something tells me it's not going to be as punchy as I would like and would get with a desk microphone and eq.

Thanks
Adam

# 19781. Re: [ic706] Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 14:31:32 UTC
From: Bob Knollman
Topic: 19780  Message: 19781

Just a thought... all my research indicates that the Icom HM-103 that is
the standard mic with the 706 series is a Bob Heil-designed mic, and pretty
tough to beat for performance.

Of course-- that doesn't give you the hands-free option of a desk mic...

Bob/KD8QZE

On Wed, Jun 6, 2012 at 10:25 AM, g1zhd <adam@...> wrote:

> **
>
>
> Hi All
>
> I've been spending many an hour pondering over getting a desktop condensor
> microphone and EQ/Mixer/Pramp unit and I still feel I am none the wiser.
> Just as I was getting close to spending the money on the Heil PR-781 I
> noticed in the smallprint it stated 'not suitable for 706'.
>
> What is everyone's experiences so far. I can see that I can buy a 1 inch
> condensor microphone for as little as 50GBP and a mixer for about the same,
> but what aren't you getting, as opposed to 400GBP microphone and 500GBP
> preamp and eq units.
>
> Why is there such a big difference and where do you get the most bang per
> buck? I just want to be a little more punchy than the standard hand
> microphone. I do have a Heil Pro Set Elite on order, which is taking weeks
> to get, but something tells me it's not going to be as punchy as I would
> like and would get with a desk microphone and eq.
>
> Thanks
> Adam
>
>
>

[Non-text portions of this message have been removed]

# 19782. Re: [ic706] Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 14:57:15 UTC
From: storm.bringer2@comcast.net
Topic: 19780  Message: 19782

Hi Adam I use the Heil HM-IC Handy Mic on my 706 with great results the thing I like about it also it’s a smaller mic and don’t look like a monster next to the radio your kinda limited on mics with this radio I consulted with Bob Heil and this works out great.....if you would like to hear it maybe we can make a sched sometime ...Good luck..Mark N3DHE

From: g1zhd
Sent: Wednesday, June 06, 2012 10:25 AM
To: ic706@yahoogroups.com
Subject: [ic706] Which desktop condensor?

Hi All

I've been spending many an hour pondering over getting a desktop condensor microphone and EQ/Mixer/Pramp unit and I still feel I am none the wiser. Just as I was getting close to spending the money on the Heil PR-781 I noticed in the smallprint it stated 'not suitable for 706'.

What is everyone's experiences so far. I can see that I can buy a 1 inch condensor microphone for as little as 50GBP and a mixer for about the same, but what aren't you getting, as opposed to 400GBP microphone and 500GBP preamp and eq units.

Why is there such a big difference and where do you get the most bang per buck? I just want to be a little more punchy than the standard hand microphone. I do have a Heil Pro Set Elite on order, which is taking weeks to get, but something tells me it's not going to be as punchy as I would like and would get with a desk microphone and eq.

Thanks
Adam

[Non-text portions of this message have been removed]

# 19783. Re: [ic706] Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 15:22:01 UTC
From: Larry J. Ford
Topic: 19780  Message: 19783

I use the "improved" Heil Traveler headset/mic with my 706s, and have had good audio reports, as well as with the HM-103.

The Heil Traveler has the Heil iC mic element.
http://www.universal-radio.com/catalog/mics/3082.html

Of course, it's not a desktop mic, but I actually prefer a headset, and I believe the Heil iC element can be found in certain desktop mic models.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: storm.bringer2@comcast.net
To: ic706@yahoogroups.com
Sent: Wednesday, June 06, 2012 10:57 AM
Subject: Re: [ic706] Which desktop condensor?

Hi Adam I use the Heil HM-IC Handy Mic on my 706 with great results the thing I like about it also it’s a smaller mic and don’t look like a monster next to the radio your kinda limited on mics with this radio I consulted with Bob Heil and this works out great.....if you would like to hear it maybe we can make a sched sometime ...Good luck..Mark N3DHE

From: g1zhd
Sent: Wednesday, June 06, 2012 10:25 AM
To: ic706@yahoogroups.com
Subject: [ic706] Which desktop condensor?

Hi All

I've been spending many an hour pondering over getting a desktop condensor microphone and EQ/Mixer/Pramp unit and I still feel I am none the wiser. Just as I was getting close to spending the money on the Heil PR-781 I noticed in the smallprint it stated 'not suitable for 706'.

What is everyone's experiences so far. I can see that I can buy a 1 inch condensor microphone for as little as 50GBP and a mixer for about the same, but what aren't you getting, as opposed to 400GBP microphone and 500GBP preamp and eq units.

Why is there such a big difference and where do you get the most bang per buck? I just want to be a little more punchy than the standard hand microphone. I do have a Heil Pro Set Elite on order, which is taking weeks to get, but something tells me it's not going to be as punchy as I would like and would get with a desk microphone and eq.

Thanks
Adam

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19784. Re: Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 16:00:14 UTC
From: Nunnaya Bidniz
Topic: 19780  Message: 19784

Adam,

I hate to sound too "old farty", since I am only 53, but the 706 does not need a fancy system. If you set the audio right all you need is a nice and easy to use mike like an Icom SM-20. Save your money.
I have owned all 3 models of IC-706 and never needed such enhancements to the audio department.

Remember one thing: If you push the envelope too much it may just break.

73 Nunnaya

[Non-text portions of this message have been removed]

# 19785. Re: [ic706] Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 16:19:53 UTC
From: Nunnaya Bidniz
Topic: 19780  Message: 19785

More for Adam and his desire for "punchiness"..

Adam said "I can see that I can buy a 1 inch condensor microphone for as little as 50GBP and a mixer for about the same, but what aren't you getting, as opposed to 400GBP microphone and 500GBP preamp and eq units.

Hi Adam...
I give you my sincere word that if you put all  that money into antennas you would never again think that puchiness mattered.,

Another thing to consider is longevity...Do you want your radio to last a long time or not? Thinking on an automobile line may help express this idea...Do you want a car that will get you where you need to be without making you pay big time for the trip or not? This is a very good way to consider how you want your radio to work. Squeezing the last KM out of the car may be fun, but it is also expensive.

My suggestion is simple and easy...leave the rig as it is with an SM 20 or whatever. Use that money to build antennas. You will also learn a hell of a lot more.

73 Nunnaya

--- On Wed, 6/6/12, storm.bringer2@... <storm.bringer2@...> wrote:

From: storm.bringer2@... <storm.bringer2@...>
Subject: Re: [ic706] Which desktop condensor?
To: ic706@yahoogroups.com
Date: Wednesday, June 6, 2012, 10:57 AM

Hi Adam I use the Heil HM-IC Handy Mic on my 706 with great results the thing I like about it also it’s a smaller mic and don’t look like a monster next to the radio your kinda limited on mics with this radio I consulted with Bob Heil and this works out great.....if you would like to hear it maybe we can make a sched sometime ...Good luck..Mark N3DHE

From: g1zhd
Sent: Wednesday, June 06, 2012 10:25 AM
To: ic706@yahoogroups.com
Subject: [ic706] Which desktop condensor?

Hi All

I've been spending many an hour pondering over getting a desktop condensor microphone and EQ/Mixer/Pramp unit and I still feel I am none the wiser. Just as I was getting close to spending the money on the Heil PR-781 I noticed in the smallprint it stated 'not suitable for 706'.

What is everyone's experiences so far. I can see that I can buy a 1 inch condensor microphone for as little as 50GBP and a mixer for about the same, but what aren't you getting, as opposed to 400GBP microphone and 500GBP preamp and eq units.

Why is there such a big difference and where do you get the most bang per buck? I just want to be a little more punchy than the standard hand microphone. I do have a Heil Pro Set Elite on order, which is taking weeks to get, but something tells me it's not going to be as punchy as I would like and would get with a desk microphone and eq.

Thanks
Adam

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19786. Re: [ic706] Re: Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 17:03:53 UTC
From: Ralph Mowery
Topic: 19780  Message: 19786

I agree with the ones that say not to spend a bunch on the microphone system.  Ham radios are made for communications and not broadcast quality audio.  Some rigs let you change the filters so the transmitt audio is a lot wider than is needed for good speach. Causes qrm for other stations.  Then if the station on the receiving end does not have the wide filtering, the transmitter sounds bad.

On a 706llg I have I am using an old second hand desk mic (Shure 526T) and get good reports, also use the same type mic on the 746pro and get very good audio comments.  I think I payed about $ 30 for each of them off ebay.  About 10 years ago I asked about the mics and that mic was recommended.

I am thinking the OP was looking into some $ 500 mic and equalizer system.  Before spending that much on the 706, I would think it is time to trade for a beter rig that has much  of the audio processing built in.  Not that it would do much good for the transmitter, but may help with a beter receiver.

Spend most of the money improving the antenna system or get an amplifier.

I am at the old fart stage as have been a ham for over 40 years and just retired.

--- On Wed, 6/6/12, Nunnaya Bidniz <olekeykollekter@...> wrote:

From: Nunnaya Bidniz <olekeykollekter@...>
Subject: [ic706] Re: Which desktop condensor?
To: ic706@yahoogroups.com
Date: Wednesday, June 6, 2012, 12:00 PM

Adam,

I hate to sound too "old farty", since I am only 53, but the 706 does not need a fancy system. If you set the audio right all you need is a nice and easy to use mike like an Icom SM-20. Save your money.
I have owned all 3 models of IC-706 and never needed such enhancements to the audio department.

Remember one thing: If you push the envelope too much it may just break.

73 Nunnaya

[Non-text portions of this message have been removed]

# 19787. Re: [ic706] Re: Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-06 19:03:27 UTC
From: Mike Rodgers
Topic: 19780  Message: 19787

All I ever used was the dtmf touch tone mic which has a better feel than the small toy like mike that comes standard.
I use a old heil traveller headset also.

I think there have been some complaints of the china hand mikes that have been for sale recently for
$15. I almost bought one at a hamfest and still might.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

# 19788. 706mkII control head

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-07 01:35:35 UTC
From: bbunny1956
Topic: 19788  Message: 19788

Hi all

Just wondering if anyone out there has a used control head or parting out one. I need the main control pot for a 706mkII. Thanks in advance.

Ed
KG8NH

# 19789. hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-07 02:17:33 UTC
From: Ismael Millan
Topic: 19645  Message: 19789

awesome you should check this out wow
http://www.finance15sonnews.net/biz/?employment=1552805

# 19790. Re: [ic706] hey

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-07 02:26:12 UTC
From: Jack
Topic: 19645  Message: 19790

more spam from a spoofed or hacked email account.

-----Original Message-----
From: Ismael Millan
Sent: Wednesday, June 06, 2012 10:17 PM
To: wn1f@...
Subject: [ic706] hey

awesome you should check this out wow
http://www.finance15sonnews.net/biz/?employment=1552805

---

Yahoo! Groups Links

# 19791. Re: [ic706] Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-08 14:02:57 UTC
From: tj
Topic: 19780  Message: 19791

I use a Panasonic KX-TCA86 telephone hands free headset that I paid a dollar for at a garage sale and I have many comments on how good my audio is. Some think it is a Heil. I also built an interface adapter for my Kenwood TS-140S, Panasonic is electret and Kenwood is dynamic. Works great on it to. I also use a Sanyo headset, but others say it is "harsher" comparing it to the Heil "DX" element while comparing the Panasonic to a Heil "rag chew" element.

Jeff
wd4nmq

On 06/06/2012 11:22 AM, Larry J. Ford wrote:
>
> I use the "improved" Heil Traveler headset/mic with my 706s, and have
> had good audio reports, as well as with the HM-103.
>
> The Heil Traveler has the Heil iC mic element.
> http://www.universal-radio.com/catalog/mics/3082.html
>
> Of course, it's not a desktop mic, but I actually prefer a headset,
> and I believe the Heil iC element can be found in certain desktop mic
> models.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: storm.bringer2@... <mailto:storm.bringer2%40comcast.net>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Wednesday, June 06, 2012 10:57 AM
> Subject: Re: [ic706] Which desktop condensor?
>
> Hi Adam I use the Heil HM-IC Handy Mic on my 706 with great results
> the thing I like about it also it’s a smaller mic and don’t look like
> a monster next to the radio your kinda limited on mics with this radio
> I consulted with Bob Heil and this works out great.....if you would
> like to hear it maybe we can make a sched sometime ...Good luck..Mark
> N3DHE
>
> From: g1zhd
> Sent: Wednesday, June 06, 2012 10:25 AM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] Which desktop condensor?
>
> Hi All
>

> I've been spending many an hour pondering over getting a desktop
> condensor microphone and EQ/Mixer/Pramp unit and I still feel I am
> none the wiser. Just as I was getting close to spending the money on
> the Heil PR-781 I noticed in the smallprint it stated 'not suitable
> for 706'.
>
> What is everyone's experiences so far. I can see that I can buy a 1
> inch condensor microphone for as little as 50GBP and a mixer for about
> the same, but what aren't you getting, as opposed to 400GBP microphone
> and 500GBP preamp and eq units.
>
> Why is there such a big difference and where do you get the most bang
> per buck? I just want to be a little more punchy than the standard
> hand microphone. I do have a Heil Pro Set Elite on order, which is
> taking weeks to get, but something tells me it's not going to be as
> punchy as I would like and would get with a desk microphone and eq.
>
> Thanks
> Adam
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

# 19792. 707 MKIIG shutting down when transmitting on 20m

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 03:47:18 UTC
From: vk5dc
Topic: 19792  Message: 19792

Hi all
Thought I would post this solution on the forum to a problem I was having in a mobile installation.
My set up consists of a 706MKIIg, remote head setup with the radio body at the rear of the car, Codan 9350 auto tune mounted on the rear tail gate (Toyota Prado).
The radio will tune and transmit on all bands except 20m where it shuts down (turns itself off) altogether if I transmit over 5w.
Searched the web and found a reference to ensuring the small screw that secures the remote cable to the radio body is used and is tight etc. I have had a similar install in 2 other cars and have never used the screw to secure the remote cable (mainly due to the fact that the 706 needs to be moved from the car to the shack regularly). I thought that it would surely be RF on the DC cable as the run is quite long but as soon as I found an appropriate screw for the remote cable, tuned the 9350, increased the power to 100w everything is working perfectly.

Hope this info can help someone else as well.

Regards
Dale
VK5DC

# 19793. Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 19:00:38 UTC
From: Locutus_of_texas
Topic: 19793  Message: 19793

I have only had this radio for a few months and have only had it set up twice so I can't say for sure if this is a new problem or if it has always been there but last night I was trying to test out a new tuner I got at HamCom and I noticed that there was no deflection on the meter no matter the tuner settings. So I hooked another SWR/power meter inline with the radio and antenna and there was no deflection of the needle on any HF band or power setting of the radio. On 2 meters I get full deflection of the meter. It would appear that I have very little power coming out of the radio on HF. I know there is some output because I made one contact but the report was that I was very weak. Any suggestions? I have some electronics experience but I am basically a noob with anything this complex.

Michael

KC5HUB

# 19794. Re: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 20:08:34 UTC
From: Michael Vondran
Topic: 19793  Message: 19794

I need to correct my earlier post.  All testing after initially finding the issue were done with a second and a third SWR/Power meter and a 50ohm dummy load so SWR was not an issue. Both SWR/Power meters were cycled thru their forward, reverse and power settings with absolutely no needle deflection on any power setting of the radio while on HF.

Michael
KC5HUB

---
From: Locutus_of_texas <locutus_of_texas@...>
To: ic706@yahoogroups.com
Sent: Sunday, June 10, 2012 2:00 PM
Subject: [ic706] Original IC-706 very low power output on HF

I have only had this radio for a few months and have only had it set up twice so I can't say for sure if this is a new problem or if it has always been there but last night I was trying to test out a new tuner I got at HamCom and I noticed that there was no deflection on the meter no matter the tuner settings. So I hooked another SWR/power meter inline with the radio and antenna and there was no deflection of the needle on any HF band or power setting of the radio. On 2 meters I get full deflection of the meter. It would appear that I have very little power coming out of the radio on HF. I know there is some output because I made one contact but the report was that I was very weak. Any suggestions? I have some electronics experience but I am basically a noob with anything this complex.

Michael

KC5HUB

[Non-text portions of this message have been removed]

# 19795. Re: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 20:12:49 UTC
From: Michael Vondran
Topic: 19793  Message: 19795

OOPS I have a touchy keyboard today :)  That would be a 50ohm dummy load as opposed to 500ohm.

Michael

---

From: Michael Vondran <locutus_of_texas@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sunday, June 10, 2012 3:08 PM
Subject: Re: [ic706] Original IC-706 very low power output on HF

I need to correct my earlier post.  All testing after initially finding the issue were done with a second and a third SWR/Power meter and a 50ohm dummy load so SWR was not an issue. Both SWR/Power meters were cycled thru their forward, reverse and power settings with absolutely no needle deflection on any power setting of the radio while on HF.

Michael
KC5HUB

---

From: Locutus_of_texas <locutus_of_texas@...>
To: ic706@yahoogroups.com
Sent: Sunday, June 10, 2012 2:00 PM
Subject: [ic706] Original IC-706 very low power output on HF

I have only had this radio for a few months and have only had it set up twice so I can't say for sure if this is a new problem or if it has always been there but last night I was trying to test out a new tuner I got at HamCom and I noticed that there was no deflection on the meter no matter the tuner settings. So I hooked another SWR/power meter inline with the radio and antenna and there was no deflection of the needle on any HF band or power setting of the radio. On 2 meters I get full deflection of the meter. It would appear that I have very little power coming out of the radio on HF. I know there is some output because I made one contact but the report was that I was very weak. Any suggestions? I have some electronics experience but I am basically a noob with anything this complex.

Michael

KC5HUB

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19796. RE: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 20:16:29 UTC
From: Michael Vondran
Topic: 19793  Message: 19796

I do have normal receive on HF.  I don't seem to have any issues finding other stations even on a mediocre G5RV we had thrown up last night.  How would I check this transistor and what should the values be.  Also any idea where I would locate it inside the radio?

Michael
KC5HUB

---
From: Christophe Huygens <christophe.huygens@...>
To:
Cc: Locutus_of_texas <locutus_of_texas@yahoo.com>
Sent: Sunday, June 10, 2012 3:06 PM
Subject: Re: [ic706] Original IC-706 very low power output on HF

I have seen this problem a few times,
it is usually the digital transistor driving the relay
that switches the the driver output between
the finals for HF and 2m.

Check first if you have "normal" receive on HF.
If so, check the output of this transistor.
(It is very small!!!)

Xtof
on4iy

On 10/06/12 21:00, Locutus_of_texas wrote:

>I have only had this radio for a few months and have only had it set up twice so I can't say for sure if this is a new problem or if it has always been there but last night I was trying to test out a new tuner I got at HamCom and I noticed that there was no deflection on the meter no matter the tuner settings. So I hooked another SWR/power meter inline with the radio and antenna and there was no deflection of the needle on any HF band or power setting of the radio. On 2 meters I get full deflection of the meter. It would appear that I have very little power coming out of the radio on HF. I know there is some output because I made one contact but the report was that I was very weak. Any suggestions? I have some electronics experience but I am basically a noob with anything this complex.
>
>Michael
>
>KC5HUB
>
>
>
Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm for more information.

[Non-text portions of this message have been removed]

# 19797. Re: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 20:21:21 UTC
From: Ken Winterling
Topic: 19793  Message: 19797

Michael,

You said on 2M you get full deflection. I am assuming you are using FM mode on that band which is constant carrier. What mode(s) are you using to test the HF section? You should try CW, AM, or FM, all of which produce a carrier. Unless you are whistling into the mic when using SSB you won't get any output that you can measure reliably on a SWR/power meter unless it is a peak reading type.

Some problems are mode-sensitive. It may work on CW but not on SSB, etc. If you can get a full power carrier out using CW that would tell you the basic transmitter and PA section is functioning properly.

If it works in CW you might check the mic. Maybe it is not plugged in solidly or there is a broken wire. You said you only used the rig twice so it is possible there is a problem with the mic or maybe you have accidentally set the mic gain to 0.

Keep the list posted on your progress.

Ken
WA2LBI

On Sun, Jun 10, 2012 at 4:08 PM, Michael Vondran <locutus_of_texas@...
> wrote:

> **
>
>
> I need to correct my earlier post. All testing after initially finding
> the issue were done with a second and a third SWR/Power meter and a 50ohm
> dummy load so SWR was not an issue. Both SWR/Power meters were cycled thru
> their forward, reverse and power settings with absolutely no needle
> deflection on any power setting of the radio while on HF.
>
> Michael
> KC5HUB
>
> _____
> From: Locutus_of_texas <locutus_of_texas@...>
> To: ic706@yahoogroups.com
> Sent: Sunday, June 10, 2012 2:00 PM
> Subject: [ic706] Original IC-706 very low power output on HF
>
>
>
> I have only had this radio for a few months and have only had it set up

> twice so I can't say for sure if this is a new problem or if it has always
> been there but last night I was trying to test out a new tuner I got at
> HamCom and I noticed that there was no deflection on the meter no matter
> the tuner settings. So I hooked another SWR/power meter inline with the
> radio and antenna and there was no deflection of the needle on any HF band
> or power setting of the radio. On 2 meters I get full deflection of the
> meter. It would appear that I have very little power coming out of the
> radio on HF. I know there is some output because I made one contact but the
> report was that I was very weak. Any suggestions? I have some electronics
> experience but I am basically a noob with anything this complex.
>
> Michael
>
> KC5HUB
>
>

[Non-text portions of this message have been removed]

# 19798. Re: [ic706] 707 MKIIG shutting down when transmitting on 20m

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 12:34:45 UTC
From: Brian Clark
Topic: 19792  Message: 19798

On 6/9/12 11:47 PM, vk5dc wrote:
> Hi all
> Thought I would post this solution on the forum to a problem I was having in a mobile installation.
> My set up consists of a 706MKIIg, remote head setup with the radio body at the rear of the car, Codan 9350 auto tune mounted on the rear tail gate (Toyota Prado).
> The radio will tune and transmit on all bands except 20m where it shuts down (turns itself off) altogether if I transmit over 5w.
> Searched the web and found a reference to ensuring the small screw that secures the remote cable to the radio body is used and is tight etc. I have had a similar install in 2 other cars and have never used the screw to secure the remote cable (mainly due to the fact that the 706 needs to be moved from the car to the shack regularly). I thought that it would surely be RF on the DC cable as the run is quite long but as soon as I found an appropriate screw for the remote cable, tuned the 9350, increased the power to 100w everything is working perfectly.
>
> Hope this info can help someone else as well.
>
> Regards
> Dale
> VK5DC
>
Dale
Thanks for the tip. I am having the same problem in a Toyota 4Runner
(maybe something to do with the Toyota electrical system?) and was
trying to do some more testing. I'll see if I can find the screw or one
that will work. 20M mobile can be fun.
73
Brian
AG4BC

# 19799. Re: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 20:30:17 UTC
From: Michael Vondran
Topic: 19793  Message: 19799

You are correct about using FM on 2m.  I will try out different modes tonight to see if there is any difference.  The main SWR/Meter I was using for the majority of testing has settings for average and peak.  On SSB I did not get any deflection even when speaking or whistling into Mic.  I will check mic gain settings.  I will also throw on the heil headset I have for it as well and see if there is any difference.

Michael
KC5HUB

---
From: Ken Winterling <wa2lbi@...>
To: ic706@yahoogroups.com
Sent: Sunday, June 10, 2012 3:21 PM
Subject: Re: [ic706] Original IC-706 very low power output on HF

Michael,

You said on 2M you get full deflection. I am assuming you are using FM mode on that band which is constant carrier. What mode(s) are you using to test the HF section? You should try CW, AM, or FM, all of which produce a carrier. Unless you are whistling into the mic when using SSB you won't get any output that you can measure reliably on a SWR/power meter unless it is a peak reading type.

Some problems are mode-sensitive. It may work on CW but not on SSB, etc. If you can get a full power carrier out using CW that would tell you the basic transmitter and PA section is functioning properly.

If it works in CW you might check the mic. Maybe it is not plugged in solidly or there is a broken wire. You said you only used the rig twice so it is possible there is a problem with the mic or maybe you have accidentally set the mic gain to 0.

Keep the list posted on your progress.

Ken
WA2LBI

On Sun, Jun 10, 2012 at 4:08 PM, Michael Vondran <locutus_of_texas@...
> wrote:

> **
>
>
> I need to correct my earlier post. All testing after initially finding
> the issue were done with a second and a third SWR/Power meter and a 50ohm
> dummy load so SWR was not an issue. Both SWR/Power meters were cycled thru

> their forward, reverse and power settings with absolutely no needle
> deflection on any power setting of the radio while on HF.
>
> Michael
> KC5HUB
>
> _____
> From: Locutus_of_texas <locutus_of_texas@...>
> To: ic706@yahoogroups.com
> Sent: Sunday, June 10, 2012 2:00 PM
> Subject: [ic706] Original IC-706 very low power output on HF
>
>
>
> I have only had this radio for a few months and have only had it set up
> twice so I can't say for sure if this is a new problem or if it has always
> been there but last night I was trying to test out a new tuner I got at
> HamCom and I noticed that there was no deflection on the meter no matter
> the tuner settings. So I hooked another SWR/power meter inline with the
> radio and antenna and there was no deflection of the needle on any HF band
> or power setting of the radio. On 2 meters I get full deflection of the
> meter. It would appear that I have very little power coming out of the
> radio on HF. I know there is some output because I made one contact but the
> report was that I was very weak. Any suggestions? I have some electronics
> experience but I am basically a noob with anything this complex.
>
> Michael
>
> KC5HUB
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19800. Re: [ic706] Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-10 22:51:23 UTC
From: Harvey Wasserman
Topic: 19793  Message: 19800

Hi Ken,
See your still at it!! I am off the air lost my tower and all antennsa last Aug when a wind shear sent everything flying into my in ground pool. 80 feet worth of tower, 3 great beams. Got $250 for scrap alum. Did get insurance payoff, but now dont know what to get. Also got a new vehicle so no mobile yet.

73's
Harvey
K2BOG

---
From: Ken Winterling <wa2lbi@...>
To: ic706@yahoogroups.com
Sent: Sunday, June 10, 2012 4:21 PM
Subject: Re: [ic706] Original IC-706 very low power output on HF

Michael,

You said on 2M you get full deflection. I am assuming you are using FM mode on that band which is constant carrier. What mode(s) are you using to test the HF section? You should try CW, AM, or FM, all of which produce a carrier. Unless you are whistling into the mic when using SSB you won't get any output that you can measure reliably on a SWR/power meter unless it is a peak reading type.

Some problems are mode-sensitive. It may work on CW but not on SSB, etc. If you can get a full power carrier out using CW that would tell you the basic transmitter and PA section is functioning properly.

If it works in CW you might check the mic. Maybe it is not plugged in solidly or there is a broken wire. You said you only used the rig twice so it is possible there is a problem with the mic or maybe you have accidentally set the mic gain to 0.

Keep the list posted on your progress.

Ken
WA2LBI

On Sun, Jun 10, 2012 at 4:08 PM, Michael Vondran <locutus_of_texas@...
> wrote:

> **
>
>
> I need to correct my earlier post. All testing after initially finding
> the issue were done with a second and a third SWR/Power meter and a 50ohm

> dummy load so SWR was not an issue. Both SWR/Power meters were cycled thru
> their forward, reverse and power settings with absolutely no needle
> deflection on any power setting of the radio while on HF.
>
> Michael
> KC5HUB
>
> _____
> From: Locutus_of_texas <locutus_of_texas@...>
> To: ic706@yahoogroups.com
> Sent: Sunday, June 10, 2012 2:00 PM
> Subject: [ic706] Original IC-706 very low power output on HF
>
>
>
> I have only had this radio for a few months and have only had it set up
> twice so I can't say for sure if this is a new problem or if it has always
> been there but last night I was trying to test out a new tuner I got at
> HamCom and I noticed that there was no deflection on the meter no matter
> the tuner settings. So I hooked another SWR/power meter inline with the
> radio and antenna and there was no deflection of the needle on any HF band
> or power setting of the radio. On 2 meters I get full deflection of the
> meter. It would appear that I have very little power coming out of the
> radio on HF. I know there is some output because I made one contact but the
> report was that I was very weak. Any suggestions? I have some electronics
> experience but I am basically a noob with anything this complex.
>
> Michael
>
> KC5HUB
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19801. Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 00:25:13 UTC
From: ve3ext@primus.ca
Topic: 19793  Message: 19801

Michael two things to check
1-when transmitting., are you reading at least 13v., not 10 or 11 volts.,
these radios notice low voltage

2-Again, when transmitting., how much current are you drawing??
3-You do know there is a control to adjust the tx power from 0 to 100 Watts
??
Just some suggestions

Jerry VE3EXT
Icom 706 original owner

# 19802. Re: [ic706] Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 01:06:32 UTC
From: Michael Vondran
Topic: 19793  Message: 19802

The RF power is set to H.  The voltage stays rock steady at 13.88v on my mulit-meter only changing by a few hundredths of a volt.  I have not measured current as my multi-meter can only measure a max of 10 amps and supposedly a properly operating 706 can pull 20 amps on transmit.  My PS is rated at 35 amps.

Michael
KC5HUB

---
From: "ve3ext@..." <ve3ext@...>
To: ic706@yahoogroups.com
Sent: Sunday, June 10, 2012 7:25 PM
Subject: [ic706] Re: Original IC-706 very low power output on HF

Michael two things to check
1-when transmitting., are you reading at least 13v., not 10 or 11 volts.,
these radios notice low voltage

2-Again, when transmitting., how much current are you drawing??
3-You do know there is a control to adjust the tx power from 0 to 100 Watts
??
Just some suggestions

Jerry VE3EXT
Icom 706 original owner

[Non-text portions of this message have been removed]

# 19803. Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 10:58:42 UTC
From: n0sya
Topic: 19793  Message: 19803

Hi
The 706 has had past common issues with a few things. One of them is the relays in the pa going bad, another is a bad swr sense diode. If it's the diode it's a cheap fix if you ca do it yourself. Relays aren't too much trouble either. Another step to take is to ohm out the driver and pa on the hf side.

Chris

# 19804. Re: [ic706] Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 11:11:43 UTC
From: Michael Vondran
Topic: 19793  Message: 19804

Can you explain what you mean by ohm out the driver and pa?

Michael
KC5HUB

---
From: n0sya <n0sya@...>
To: ic706@yahoogroups.com
Sent: Monday, June 11, 2012 5:58 AM
Subject: [ic706] Re: Original IC-706 very low power output on HF

Hi
The 706 has had past common issues with a few things. One of them is the relays in the pa going bad, another is a bad swr sense diode. If it's the diode it's a cheap fix if you ca do it yourself. Relays aren't too much trouble either. Another step to take is to ohm out the driver and pa on the hf side.

Chris

[Non-text portions of this message have been removed]

# 19805. Re: [ic706] Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 11:22:39 UTC
From: Christophe Huygens
Topic: 19793  Message: 19805

Michael,

if you tx on HF ssb without modulation what is the power consumption?

This should be the RX power consumption + 2A more or less

Xtof

On 11/06/12 13:11, Michael Vondran wrote:
>
> Can you explain what you mean by ohm out the driver and pa?
>
> Michael
> KC5HUB
>
> _____
> From: n0sya <n0sya@... <mailto:n0sya%40yahoo.com>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Monday, June 11, 2012 5:58 AM
> Subject: [ic706] Re: Original IC-706 very low power output on HF
>
>
>
> Hi
> The 706 has had past common issues with a few things. One of them is
> the relays in the pa going bad, another is a bad swr sense diode. If
> it's the diode it's a cheap fix if you ca do it yourself. Relays
> aren't too much trouble either. Another step to take is to ohm out the
> driver and pa on the hf side.
>
> Chris
>
> [Non-text portions of this message have been removed]
>
>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

[Non-text portions of this message have been removed]

# 19806. Re: [ic706] Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 11:03:42 UTC
From: Christophe Huygens
Topic: 19793  Message: 19806

one thing that often goes bad is the relay transistor for the HF/2m tx
relay following the driver stage.

If the HF PA is well, and rx is good, this is the place to look (either the
relay or the digital driver transistor).

X

On 11/06/12 12:58, n0sya wrote:
>
> Hi
> The 706 has had past common issues with a few things. One of them is
> the relays in the pa going bad, another is a bad swr sense diode. If
> it's the diode it's a cheap fix if you ca do it yourself. Relays
> aren't too much trouble either. Another step to take is to ohm out the
> driver and pa on the hf side.
>
> Chris
>
>

Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm

[Non-text portions of this message have been removed]

# 19807. Re: [ic706] 707 MKIIG shutting down when transmitting on 20m

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-11 15:21:58 UTC
From: Mike Rodgers
Topic: 19792  Message: 19807

I believe some have scavenged the screw from old computers. I don't remember where. Maybe someone has done so and will advise.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jun 10, 2012, at 7:34 AM, Brian Clark <brian.ag4bc@...> wrote:

> On 6/9/12 11:47 PM, vk5dc wrote:
> > Hi all
> > Thought I would post this solution on the forum to a problem I was having in a mobile installation.
> > My set up consists of a 706MKIIg, remote head setup with the radio body at the rear of the car, Codan 9350 auto tune mounted on the rear tail gate (Toyota Prado).
> > The radio will tune and transmit on all bands except 20m where it shuts down (turns itself off) altogether if I transmit over 5w.
> > Searched the web and found a reference to ensuring the small screw that secures the remote cable to the radio body is used and is tight etc. I have had a similar install in 2 other cars and have never used the screw to secure the remote cable (mainly due to the fact that the 706 needs to be moved from the car to the shack regularly). I thought that it would surely be RF on the DC cable as the run is quite long but as soon as I found an appropriate screw for the remote cable, tuned the 9350, increased the power to 100w everything is working perfectly.
> >
> > Hope this info can help someone else as well.
> >
> > Regards
> > Dale
> > VK5DC
> >
> Dale
> Thanks for the tip. I am having the same problem in a Toyota 4Runner
> (maybe something to do with the Toyota electrical system?) and was
> trying to do some more testing. I'll see if I can find the screw or one
> that will work. 20M mobile can be fun.
> 73
> Brian
> AG4BC
>
>
>

>
>
>

[Non-text portions of this message have been removed]

# 19808. Fw: [ic706] Re: Which desktop condensor?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 00:59:20 UTC
From: G1ZHD
Topic: 19808  Message: 19808

Thanks to all who made comments and suggestions to my query. Hopefully I will be getting the Heil IC headset in the next couple of days and I think that is all I'm going to use on the 706. I've spoken to a few more people on air and has decided that modifying the input in to the 706 mark 1 may not be such a good idea. I will however be considering my next radio for home, as I wish to move the 706 in to the car.

Thanks again all.
Adam

[Non-text portions of this message have been removed]

# 19809. FL-223

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 00:59:46 UTC
From: G1ZHD
Topic: 6132  Message: 19809

All

My next question. From the day I bought the 706 mark 1, back in 2003, I have often wondered if I should have spent the extra money (when I could afford to) and bought the FL-223 filter for it. I'm struggling to find many suppliers but it still seems to be around $130 in the USA or £84 in the UK. Can anyone suggest a cheaper supplier and more importantly let me know how much difference it actually makes. Is it worth doing?

Thanks
Adam

[Non-text portions of this message have been removed]

# 19810. Re: FL-223

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 09:55:27 UTC
From: gw0div@btinternet.com
Topic: 6132  Message: 19810

FL-223 £73.95 @ Waters & Stanton's

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "G1ZHD" <g1zhd@...> wrote:
>
> All
>
> My next question. From the day I bought the 706 mark 1, back in 2003, I have often wondered if I should have spent the extra money (when I could afford to) and bought the FL-223 filter for it. I'm struggling to find many suppliers but it still seems to be around $130 in the USA or £84 in the UK. Can anyone suggest a cheaper supplier and more importantly let me know how much difference it actually makes. Is it worth doing?
>
> Thanks
> Adam
>
> [Non-text portions of this message have been removed]
>

# 19811. Looking for control head

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 14:06:23 UTC
From: Brandon
Topic: 19811  Message: 19811

Looking for a Mark II G control head that is operational. Please contact Brandon, kb3vyd@...

# 19812. Replace IC-706 LCD display?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 19:39:24 UTC
From: kcarmical@yahoo.com
Topic: 19812  Message: 19812

Well, sadly, my 706 (just 706, not a mkII) took a dive and the LCD is damaged. It's still usable and works, but it looks bad and bugs me.
I'm curious about a replacement. Do any of have experience with doing that? Is a replacement part even available? I'd rather not get the entire control head replaced, but I guess I might if it came down to that being the only way to do it.

Little help please? :-)

Thanks!

K

# 19813. Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-12 23:16:00 UTC
From: n0sya
Topic: 19793  Message: 19813

--- In ic706@yahoogroups.com, Michael Vondran <locutus_of_texas@...> wrote:
>
> Can you explain what you mean by ohm out the driver and pa?
>
> Michael
> KC5HUB
>

Hi Michael. What I mean is checking for opens and shorts as well as voltages present when operating in both tx and rx on the leads of each driver and pa transistor. The service manual should show you some desired volatages. This will give you input on if the transistors are bad. Likewise see if the pa bandpass relays are clicking as they should and making/breaking contact.

http://www.ehow.com/how_5707576_bad-transistors.html

# 19814. Fault on FT-706 mkII.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-14 11:58:54 UTC
From: rodbender2007
Topic: 19814  Message: 19814

Hi, I wonder if anyone can help with a fault which has developed on my 706 mk2.
Whenever I key up on VHF FM there is a short period , abt 2 seconds, when there is no mic audio and the ALC meter goes to full deflection.

Then there is a slight hissing noise and the audio returns and the ALC meter drops back.

It's the same on VHF SSB but everything is fine on HF SSB.

I've tried to figure out what the problem is but can't see anything obvious.

I'd be very grateful for any advice.

Thanks
George. G0RLF.

# 19815. Shortening the remote head cable...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-15 02:48:25 UTC
From: ka9p@aol.com
Topic: 19815  Message: 19815

Has anyone tried to shorten a remote head cable for the 703 or 706?

I've got an extra one and could really use a custom length but thought I'd see if anyone had done this with success or if there was something lurking in the cable that would make this a bad idea?

Thanks, Scott ka9p

[Non-text portions of this message have been removed]

# 19816. Re: [ic706] Shortening the remote head cable...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-15 03:42:04 UTC
From: Facility 406 DM09
Topic: 19815  Message: 19816

: I've got an extra one and could really use a custom length but thought I'd
: see if anyone had done this with success or if there was something lurking
: in the cable that would make this a bad idea?

Not for this radio, but some of the Yaesus... It's just wire, cut it,
splice it... Do a good job...

Kurt

# 19817. 706 almost deaf as a post

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-15 18:09:01 UTC
From: piratdxer
Topic: 19817  Message: 19817

Sorry if this has been covered before, but 20,000 messages is a lot to look through and I'm on dial-up...

My original 706 seems pretty deaf on certain bands. I can tune it and my Yaesu FT8900r to 52.525 FM and the '8900 will hear signals while the 706 doesn't. (Yes, I'm using a 6m antenna on the Icom.)

On 19m shortwave the 706 on an Alpha-Delta "twin sloper" doesn't hear anything while my R-75 rcvr on a 150-foot longwire does.

It seems to hear OK when I get down to 31m and below.

Does it need to go for servicing? Any suggestions are appreciated.

73, John/K2DVS

# 19818. Re: [ic706] Fault on FT-706 mkII.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-14 12:15:24 UTC
From: bruce.clements@sympatico.ca
Topic: 19814  Message: 19818

Check the VHF pll tx setting. It sounds like its on the very edge of its setting.

Bruce
Ve3bv

Sent from my iPod

On 2012-06-14, at 7:59 AM, "rodbender2007" <g0rlf@...> wrote:

> Hi, I wonder if anyone can help with a fault which has developed on my 706 mk2.
> Whenever I key up on VHF FM there is a short period , abt 2 seconds, when there is no mic audio and the ALC meter goes to full deflection.
>
> Then there is a slight hissing noise and the audio returns and the ALC meter drops back.
>
> It's the same on VHF SSB but everything is fine on HF SSB.
>
> I've tried to figure out what the problem is but can't see anything obvious.
>
> I'd be very grateful for any advice.
>
> Thanks
> George. G0RLF.
>
>

[Non-text portions of this message have been removed]

# 19819. IC-706 Original problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 18:56:06 UTC
From: n6wk_skcc3
Topic: 19819  Message: 19819

I have a friends IC-706 here that will not give me any output in HF or 6 meters and will not TX on 2 meters. Also the 2 meter Band is strange, when you get to 146.000 the next click of the dial clockwise goes to 0.030.00 and RX goes dead.
I know it should go to 148 mhz anyone run into this?
I checked the voltages on the Finals and they appear fine.

Thanks,
Gordon
N6WK

# 19820. Re: [ic706] IC-706 Original problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 20:17:01 UTC
From: Harry Herr, W6HH
Topic: 19819  Message: 19820

Are you sure it's a US model?

On 06/29/12 13:56, n6wk_skcc3 wrote:
> ... when you get to 146.000 the next click of the dial clockwise goes to 0.030.00 and RX goes dead.
> I know it should go to 148 mhz anyone run into this?
>

# 19821. Re: [ic706] IC-706 Original problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 20:49:24 UTC
From: Mike Gormley
Topic: 19819  Message: 19821

On 6/29/2012 2:56 PM, n6wk_skcc3 wrote:
>
> I have a friends IC-706 here that will not give me any output in HF or
> 6 meters and will not TX on 2 meters. Also the 2 meter Band is
> strange, when you get to 146.000 the next click of the dial clockwise
> goes to 0.030.00 and RX goes dead.
> I know it should go to 148 mhz anyone run into this?
> I checked the voltages on the Finals and they appear fine.
>
> Thanks,
> Gordon
> N6WK
>
Are you in CW mode? If so, be sure the QSK feature is set for either
"f-break" or "break". The third option will turn off the output so you
can use the rig as a practice oscillator.

--
Mike Gormley-WA8VEC
Sebring, FL
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

[Non-text portions of this message have been removed]

# 19822. Re: [ic706] IC-706 Original problems

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 20:51:40 UTC
From: Gordon
Topic: 19819  Message: 19822

No, I am not.
How can I tell?

Thanks,
Gordon
N6WK

On 6/29/2012 1:17 PM, Harry Herr, W6HH wrote:
>
> Are you sure it's a US model?
>
> On 06/29/12 13:56, n6wk_skcc3 wrote:
> > ... when you get to 146.000 the next click of the dial clockwise
> goes to 0.030.00 and RX goes dead.
> > I know it should go to 148 mhz anyone run into this?
> >
>
>
>

[Non-text portions of this message have been removed]

# 19823. 706 Original

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 23:13:16 UTC
From: n6wk_skcc3
Topic: 19823  Message: 19823

Anyone have a really good Service Manual? The copy I have is too blurred to read the boards when blown up to readable size.

Thanks,
Gordon
N6WK

# 19824. Re: Original IC-706 very low power output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-29 23:13:52 UTC
From: n6wk_skcc3
Topic: 19793  Message: 19824

Hi Chris, Is Q5 the Relay Transistor? If so, where is it located on the board? My Copy of the service manual is poor and I can not read which part is Q5. If it is the one I think it is, it is under the white Rubber stuff that looks like it will be a nightmare to remove.

Thanks

Gordon
N6WK

--- In ic706@yahoogroups.com, Christophe Huygens <christophe.huygens@...> wrote:
>
> one thing that often goes bad is the relay transistor for the HF/2m tx
> relay following the driver stage.
>
> If the HF PA is well, and rx is good, this is the place to look (either the
> relay or the digital driver transistor).
>
> X
>
>
> On 11/06/12 12:58, n0sya wrote:
> >
> > Hi
> > The 706 has had past common issues with a few things. One of them is
> > the relays in the pa going bad, another is a bad swr sense diode. If
> > it's the diode it's a cheap fix if you ca do it yourself. Relays
> > aren't too much trouble either. Another step to take is to ohm out the
> > driver and pa on the hf side.
> >
> > Chris
> >
> >
>
> Disclaimer: http://www.kuleuven.be/cwis/email_disclaimer.htm
>
>
> [Non-text portions of this message have been removed]
>

# 19825. Re: [ic706] 706 Original

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-30 08:35:10 UTC
From: CalleB
Topic: 19823  Message: 19825

Hi Gordon,

As far as I remember I have circuit diagrams of 706MkIIG , but right now I am at my summercottage so I dont have access to them. Which model 706 are you asking for ?

Best regards
Carl
OH1CHB
----- Original Message -----
From: n6wk_skcc3
To: ic706@yahoogroups.com
Sent: Saturday, June 30, 2012 2:13 AM
Subject: [ic706] 706 Original

Anyone have a really good Service Manual? The copy I have is too blurred to read the boards when blown up to readable size.

Thanks,
Gordon
N6WK

[Non-text portions of this message have been removed]

# 19826. IC-706 Identification

Yahoo group: ic706 (2010 — 2015)
Date: 2012-06-30 16:33:59 UTC
From: Harry Herr, W6HH
Topic: 19826  Message: 19826

Hi Gordon,

The European Version tuning range is limited to 144-146 MHz and likely has some kind of compliance ID on the serial number tag at the rear of the left side. I confess I have never seen the EU version but the US version has the FCC Part 15 ID on the S/N tag. Hence, if it has a Part 15 compliance ID it is NOT an EU version. All the versions are shown in the table below:
The tuning range for each version is shown below:

If you have a website I can upload the service manual. I don't recall where where I got my copy, perhaps Mods DK. In any event I found it with a Google search. If you can not find it, or if you need any other info, just let me know and I'll help. Another thing, There are at least 2 different PDF versions, one is only 4 KB the one I have is 29 KB.

73 and gook luck - Harry

P.S. Sorry about all the different fonts, I'm an inept publisher!

[Non-text portions of this message have been removed]

# 19827. 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 16:12:17 UTC
From: rodbender2007
Topic: 19827  Message: 19827

Hi,
My 706MK2 is suddenly only giving 5W RF power out.

It works fine otherwise.

I have done all the usual checks/resets and used a dummy load and power meter to check it.

Does anyone have any idea what the cause of this may be.

Thanks!

# 19828. Re: [ic706] 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 16:28:54 UTC
From: Terry Taylor
Topic: 19827  Message: 19828

A full reset fixed mine.

Terry

Sent from my iPhone

On Jul 3, 2012, at 9:12 AM, "rodbender2007" <g0rlf@...> wrote:

> Hi,
> My 706MK2 is suddenly only giving 5W RF power out.
>
> It works fine otherwise.
>
> I have done all the usual checks/resets and used a dummy load and power meter to check it.
>
> Does anyone have any idea what the cause of this may be.
>
> Thanks!
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19829. Re: 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 17:46:38 UTC
From: rodbender2007
Topic: 19827  Message: 19829

As I said Terry I've tried resetting it.

--- In ic706@yahoogroups.com, Terry Taylor <ttaylor2372@...> wrote:
>
> A full reset fixed mine.
>
> Terry
>
> Sent from my iPhone
>
> On Jul 3, 2012, at 9:12 AM, "rodbender2007" <g0rlf@...> wrote:
>
> > Hi,
> > My 706MK2 is suddenly only giving 5W RF power out.
> >
> > It works fine otherwise.
> >
> > I have done all the usual checks/resets and used a dummy load and power meter to check it.
> >
> > Does anyone have any idea what the cause of this may be.
> >
> > Thanks!
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 19830. Re: [ic706] Re: 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 18:31:13 UTC
From: Wayne Bowyer
Topic: 19827  Message: 19830

Is this on all bands?

One possibility to check would be all mechanical connections inside radio.
Tighten all screws on circuit boards as ground return paths depend on a
good low resistance connection.

Wayne
n4eyz
On Jul 3, 2012 1:46 PM, "rodbender2007" <g0rlf@...> wrote:

> **
>
>
> As I said Terry I've tried resetting it.
>
> --- In ic706@yahoogroups.com, Terry Taylor <ttaylor2372@...> wrote:
> >
> > A full reset fixed mine.
> >
> > Terry
> >
> > Sent from my iPhone
> >
> > On Jul 3, 2012, at 9:12 AM, "rodbender2007" <g0rlf@...> wrote:
> >
> > > Hi,
> > > My 706MK2 is suddenly only giving 5W RF power out.
> > >
> > > It works fine otherwise.
> > >
> > > I have done all the usual checks/resets and used a dummy load and
> power meter to check it.
> > >
> > > Does anyone have any idea what the cause of this may be.
> > >
> > > Thanks!
> > >
> > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >

> > >
> >
>
>
>

[Non-text portions of this message have been removed]

# 19831. Re: 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 19:03:13 UTC
From: rodbender2007
Topic: 19827  Message: 19831

Hi Wayne,
Yes it is all bands. I have checked the connections where accessible.

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> Is this on all bands?
>
> One possibility to check would be all mechanical connections inside radio.
> Tighten all screws on circuit boards as ground return paths depend on a
> good low resistance connection.
>
> Wayne
> n4eyz
> On Jul 3, 2012 1:46 PM, "rodbender2007" <g0rlf@...> wrote:
>
> > **
> > >
> > >
> > As I said Terry I've tried resetting it.
> > >
> > --- In ic706@yahoogroups.com, Terry Taylor <ttaylor2372@> wrote:
> > >
> > > A full reset fixed mine.
> > >
> > > Terry
> > >
> > > Sent from my iPhone
> > >
> > > On Jul 3, 2012, at 9:12 AM, "rodbender2007" <g0rlf@> wrote:
> > >
> > > > Hi,
> > > > My 706MK2 is suddenly only giving 5W RF power out.
> > > >
> > > > It works fine otherwise.
> > > >
> > > > I have done all the usual checks/resets and used a dummy load and
> > power meter to check it.
> > > >
> > > > Does anyone have any idea what the cause of this may be.
> > > >
> > > > Thanks!
> > > >
> > > >
> > > >
> > > >

> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19832. Re: [ic706] Re: 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 19:17:50 UTC
From: Wayne
Topic: 19827  Message: 19832

I hate to ask the stupid question but I assume the menu setting RF level is on high?

If that's not it then I've already reached my level of know-how!

rodbender2007 <g0rlf@talktalk.net> wrote:

>Hi Wayne,
>Yes it is all bands. I have checked the connections where accessible.
>
>
>--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>>
>> Is this on all bands?
>>
>> One possibility to check would be all mechanical connections inside radio.
>> Tighten all screws on circuit boards as ground return paths depend on a
>> good low resistance connection.
>>
>> Wayne
>> n4eyz
>> On Jul 3, 2012 1:46 PM, "rodbender2007" <g0rlf@...> wrote:
>>
>> > **
>> >
>> >
>> > As I said Terry I've tried resetting it.
>> >
>> > --- In ic706@yahoogroups.com, Terry Taylor <ttaylor2372@> wrote:
>> > >
>> > > A full reset fixed mine.
>> > >
>> > > Terry
>> > >
>> > > Sent from my iPhone
>> > >
>> > > On Jul 3, 2012, at 9:12 AM, "rodbender2007" <g0rlf@> wrote:
>> > >
>> > > > Hi,
>> > > > My 706MK2 is suddenly only giving 5W RF power out.
>> > > >
>> > > > It works fine otherwise.
>> > > >
>> > > > I have done all the usual checks/resets and used a dummy load and
>> > power meter to check it.
>> > > >
>> > > > Does anyone have any idea what the cause of this may be.

>> > > >
>> > > > Thanks!
>> > > >
>> > > >
>> > > >
>> > > >
>> > > >
>> > > > ------------------------------------
>> > > >
>> > > > Yahoo! Groups Links
>> > > >
>> > > >
>> > > >
>> > >
>> >
>> >
>> >
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>

# 19833. RE: [ic706] 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 22:30:20 UTC
From: Murray Lampert
Topic: 19827  Message: 19833

That sounds to me like driver power making it to the antenna jack; I'd check the finals, they are rugged but they do fry once in a while.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of rodbender2007
Sent: Tuesday, July 03, 2012 12:12 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706MK2 only 5W out.

Hi,
My 706MK2 is suddenly only giving 5W RF power out.

It works fine otherwise.

I have done all the usual checks/resets and used a dummy load and power meter to check it.

Does anyone have any idea what the cause of this may be.

Thanks!

---

Yahoo! Groups Links

---

AVG - No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2437/5108 - Release Date: 07/03/12

# 19834. Re: [ic706] 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-03 23:59:34 UTC
From: Wayne Bowyer
Topic: 19827  Message: 19834

I have a G so not real familiar with the MKII but doesn't it have two rf amps? One for HF and the other VHF? I wouldn't expect a radio to lose all rf out on two separate rf amp stages. That would make me think something else is going on there.

Wayne
n4eyz

On Tue, Jul 3, 2012 at 6:30 PM, Murray Lampert <mdlampert@...> wrote:

> **
>
>
> That sounds to me like driver power making it to the antenna jack; I'd
> check
> the finals, they are rugged but they do fry once in a while.
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> rodbender2007
> Sent: Tuesday, July 03, 2012 12:12 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] 706MK2 only 5W out.
>
> Hi,
> My 706MK2 is suddenly only giving 5W RF power out.
>
> It works fine otherwise.
>
> I have done all the usual checks/resets and used a dummy load and power
> meter to check it.
>
> Does anyone have any idea what the cause of this may be.
>
> Thanks!
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> -----
> AVG - No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.1913 / Virus Database: 2437/5108 - Release Date: 07/03/12
>
>

>

[Non-text portions of this message have been removed]

# 19835. MKIIG no power output.....

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-04 19:31:51 UTC
From: Brandon
Topic: 19835  Message: 19835

I have a MKIIG and every time I key up the power meter shows no power out. I switch to AM mode to tune the tuner and nothing. The rig powers up, RF out setting is on high. When I switch bands and try to listen, nothing. I'm no electronics expert so I'm totally stumped. I do have another MKIIG that I had to use as a parts radio to get this one working (it was working fine up to about 4 days ago). Resetting did nothing. Checked all connections. Antenna is still up. Any ideas?

Brandon Szalai, KB3VYD
Cell phone: 215-882-1731
Primary: kb3vyd@...
Skype: Brandon.Szalai

# 19836. Re: [ic706] MKIIG no power output.....

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-04 22:56:46 UTC
From: Facility 406 DM09
Topic: 19835  Message: 19836

Sounds like short circuited/broken co-ax or broken connecter at the PCB.

Disconnect the antenna entirely, stick a piece of wire in the connector, I usually check the SW broadcast bands and FM broadcast bands with an 18" piece of wire with a banana plug or a lead from my multi-meter, it's quicj and easy if you don't have a second know good antenna source. If you don't hear anything, open the radio and look at where the RF connectors meet the circuit board, use a light and magnifier and check for cracks and wiggle. Beyond that, someone else can help.

Kurt

I have a MKIIG and every time I key up the power meter shows no power out. I switch to AM mode to tune the tuner and nothing. The rig powers up, RF out setting is on high. When I switch bands and try to listen, nothing. I'm no electronics expert so I'm totally stumped. I do have another MKIIG that I had to use as a parts radio to get this one working (it was working fine up to about 4 days ago). Resetting did nothing. Checked all connections. Antenna is still up. Any ideas?

# 19837. MK2 Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-08 13:43:45 UTC
From: grumpyom2003
Topic: 19837  Message: 19837

Does anyone have an original MK2 (not the G or the original) service manual? I'm trying to find the location of a couple of parts on the Main board. The copies available on the internet don't have enough resolution to show the part numbers for the chip caps and chip diode pairs.

Specifically, I need the Main board location of C158, D48 or D46 to add an IF tap.

Can anyone help? Thanks.

Gary
K3OS

# 19838. Lo Rx, no Tx on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-08 17:57:31 UTC
From: awaschka@bellsouth.net
Topic: 19838  Message: 19838

I am troubleshooting a problem in my 706 that was intermittent and is now consistent. The symptoms are low rx sensitivity and no tx on all hf bands. VHF works fine. I have measured sensitivity to be 500 uv for S9 on all bands with the preamp on. Preamp and attenuator functions work as expected, dropping the signal level appropriately when the preamp is turned off and the attenuator is turned on. I have put an antenna analyzer into the hf antenna connector and measured the SWR of the input which is in the vicinity of 2:1 when a frequency in the proper range is selected. This tells me that the filter board is working and is getting the proper control signals. I have measured the voltage of the LOs and find the 60 MHz LO2 to be about 200mV peak to peak and the tunable LO1 to be somewhat less, on the order of 50-60 mV peak to peak which seems low. Unfortunately my service manual does not have any RF signal level measurements (that I can find).

Does anyone have the required levels for the LOs at the input jack on the main board?

Hss anyone troubleshot a similar problem?

Thanks,

Al K5TAN

# 19839. Re: MK2 Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 03:55:03 UTC
From: zl1tbg
Topic: 19837  Message: 19839

I emailed you, as its not easy to attach photos here. C158 is located underside of Main board, between J29 and J23 of Option Filter -2

Ralph ZL1TBG

--- In ic706@yahoogroups.com, "grumpyom2003" <benanna@...> wrote:
>
> Does anyone have an original MK2 (not the G or the original) service manual? I'm trying to find the location of a couple of parts on the Main board. The copies available on the internet don't have enough resolution to show the part numbers for the chip caps and chip diode pairs.
>
> Specifically, I need the Main board location of C158, D48 or D46 to add an IF tap.
>
> Can anyone help? Thanks.
>
> Gary
> K3OS
>

# 19840. New Data Re: Lo Rx, no Tx on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-08 20:48:41 UTC
From: awaschka@bellsouth.net
Topic: 19838  Message: 19840

I realized that the VHF receive goes through the same IF chain as the HF, using the same LOs. The main difference is that the VHF Rx chain bypasses the filters in the HPF board, but does go through the preamp and attenuator. Since the preamp and attenuator appear to be working for me on HF, I have concluded that my problem is in the filter area on the HPF board. Does anyone have any experience troubleshooting/repairing the HPF board?

Thanks,

Al

--- In ic706@yahoogroups.com, "awaschka@..." <awaschka@...> wrote:
>
> I am troubleshooting a problem in my 706 that was intermittent and is now consistent. The symptoms are low rx sensitivity and no tx on all hf bands. VHF works fine. I have measured sensitivity to be 500 uv for S9 on all bands with the preamp on. Preamp and attenuator functions work as expected, dropping the signal level appropriately when the preamp is turned off and the attenuator is turned on. I have put an antenna analyzer into the hf antenna connector and measured the SWR of the input which is in the vicinity of 2:1 when a frequency in the proper range is selected. This tells me that the filter board is working and is getting the proper control signals. I have measured the voltage of the LOs and find the 60 MHz LO2 to be about 200mV peak to peak and the tunable LO1 to be somewhat less, on the order of 50-60 mV peak to peak which seems low. Unfortunately my service manual does not have any RF signal level measurements (that I can find).
>
> Does anyone have the required levels for the LOs at the input jack on the main board?
>
> Hss anyone troubleshot a similar problem?
>
> Thanks,
>
> Al K5TAN
>

# 19841. IC-706 MkIIG CW overdrive?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-08 19:15:48 UTC
From: Peter
Topic: 19841  Message: 19841

Hello -- I'm new to the group.
I have a question about my IC-706MkIIG in CW:
When I go to 10 mtrs, using a ladder-line feedline to a dipole with loading coils at both ends, I get a warbling sidetone, and the intensity of the light behind the readout increases. Also, and this happens on other bands as well, when I go to full power (H on Q1 menu) the power indicator on my MFJ-949D tuner indicates that I'm putting out 150W.
A friend suggests that maybe in CW I'm overdriving the finals.
Is there a way to adjust the drive in CW mode?

Thanks for any help/insight.

Peter KO6R

# 19842. Re: IC-706 MkIIG CW overdrive?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 15:27:22 UTC
From: Peter
Topic: 19841  Message: 19842

I may have answered my own question.
First of all, I put a different tuner in line, a Dentron Super Tuner Plus, and added in a Daiwa cross-hairs meter. Now I show 80-90W output, and with some deft fine tuning, got rid of the warble on 10 and the increased intensity of lighting of panel.
I think it more than likely that I was underdriving my brain rather than overdriving the radio.

Peter KO6R, who laments that he got too soon old and too late smart.

--- In ic706@yahoogroups.com, "Peter" <nanandpeter@...> wrote:
>
> Hello -- I'm new to the group.
> I have a question about my IC-706MkIIG in CW:
> When I go to 10 mtrs, using a ladder-line feedline to a dipole with loading coils at both ends, I get a warbling sidetone, and the intensity of the light behind the readout increases. Also, and this happens on other bands as well, when I go to full power (H on Q1 menu) the power indicator on my MFJ-949D tuner indicates that I'm putting out 150W.
> A friend suggests that maybe in CW I'm overdriving the finals.
> Is there a way to adjust the drive in CW mode?
>
> Thanks for any help/insight.
>
> Peter KO6R
>

# 19843. Re: [ic706] Re: IC-706 MkIIG CW overdrive?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 16:06:23 UTC
From: Ken Winterling
Topic: 19841  Message: 19843

Peter,

What you were getting with the old set up was RF feedback. The increased brightness may have been the result of increased voltage from the power supply whose regulator was affected by the RF.

Good luck with the new arrangement.

Ken
WA2LBI

On Mon, Jul 9, 2012 at 11:27 AM, Peter <nanandpeter@...> wrote:

> **
>
>
> I may have answered my own question.
> First of all, I put a different tuner in line, a Dentron Super Tuner Plus,
> and added in a Daiwa cross-hairs meter. Now I show 80-90W output, and with
> some deft fine tuning, got rid of the warble on 10 and the increased
> intensity of lighting of panel.
> I think it more than likely that I was underdriving my brain rather than
> overdriving the radio.
>
> Peter KO6R, who laments that he got too soon old and too late smart.
>
> --- In ic706@yahoogroups.com, "Peter" <nanandpeter@...> wrote:
> >
> > Hello -- I'm new to the group.
> > I have a question about my IC-706MkIIG in CW:
> > When I go to 10 mtrs, using a ladder-line feedline to a dipole with
> loading coils at both ends, I get a warbling sidetone, and the intensity of
> the light behind the readout increases. Also, and this happens on other
> bands as well, when I go to full power (H on Q1 menu) the power indicator
> on my MFJ-949D tuner indicates that I'm putting out 150W.
> > A friend suggests that maybe in CW I'm overdriving the finals.
> > Is there a way to adjust the drive in CW mode?
> >
> > Thanks for any help/insight.
> >
> > Peter KO6R
> >
>

[Non-text portions of this message have been removed]

# 19844. Heil HS706 headset

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 19:38:21 UTC
From: John
Topic: 19844  Message: 19844

I'm thinking seriously of upgrading my IC706MKll to an IC 7000. Will the HS 706 headset work on the 7000?

Any thoughts on the 7000 would be appreciated also.

john, WA8KIW

# 19845. Re: [ic706] Heil HS706 headset

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 19:52:44 UTC
From: Larry J. Ford
Topic: 19844  Message: 19845

Is the Heil HS-706 the same as the Heil "Traveler" Headset? If so, there should be an adapter cable that the headset connects to that will work with the 7000, if it's not already compatible.

My Heil Traveler cord terminates in a 8-pin female "round Foster plug" connector just beyond the "PTT" pendant. You can purchase an adapter cable that the Traveler cord connects to which in turn terminates in either an 8-pin RJ-45 (CAT 5) type modular plug (e.g. for the 706) or one that terminates in a standard 8-pin round Foster connector.

If the 7000 mic connector socket accepts the 8-pin RJ-45 (CAT 5) type modular plug like the 706, then the same may work in the 7000 as well (if the pin assignments are the same).

Larry J. Ford
KG4GPJ

----- Original Message -----
From: John
To: ic706@yahoogroups.com
Sent: Monday, July 09, 2012 3:38 PM
Subject: [ic706] Heil HS706 headset

I'm thinking seriously of upgrading my IC706MKll to an IC 7000. Will the HS 706 headset work on the 7000?

Any thoughts on the 7000 would be appreciated also.

john, WA8KIW

[Non-text portions of this message have been removed]

# 19846. Re: MK2 Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-09 23:50:42 UTC
From: Bob MacDonnell
Topic: 19837  Message: 19846

I have a service manual Gary. If you give me the page number(s)/descriptions you are after (to save me searching) I'll see if I can get a good scan. Might be hard as it is yellow paper with various shades of red on the diagrams. I can see why the dk.mod version would be difficult to read.

I'll either email back to you or put it on my dropbox:
http://db.tt/xZr5OLcy
Your call.
My 'faster' email address is:
geriatricgypsies at gmail dot com.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "grumpyom2003" <benanna@...> wrote:
>
> Does anyone have an original MK2 (not the G or the original) service manual? I'm trying to find the location of a couple of parts on the Main board. The copies available on the internet don't have enough resolution to show the part numbers for the chip caps and chip diode pairs.
>
> Specifically, I need the Main board location of C158, D48 or D46 to add an IF tap.
>
> Can anyone help? Thanks.
>
> Gary
> K3OS

# 19847. Re: MK2 Service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-11 12:33:58 UTC
From: grumpyom2003
Topic: 19837  Message: 19847

Bob & everyone-

Thanks to all for digging into this. Ralph, ZL1TBG, took a close up photo of the page in question and, I think, enhanced it. The result makes it very easy to see the parts and circuit traces in question. That solves the problem.

Gary
K3OS

--- In ic706@yahoogroups.com, "Bob MacDonnell" <sv_siddiqi@...> wrote:
>
> I have a service manual Gary. If you give me the page number(s)/descriptions you are after (to save me searching) I'll see if I can get a good scan. Might be hard as it is yellow paper with various shades of red on the diagrams. I can see why the dk.mod version would be difficult to read.
>
> I'll either email back to you or put it on my dropbox:
> http://db.tt/xZr5OLcy
> Your call.
> My 'faster' email address is:
> geriatricgypsies at gmail dot com.
> 73 de bob ve0rdm/vk4bdm
>
> --- In ic706@yahoogroups.com, "grumpyom2003" <benanna@> wrote:
> >
> > Does anyone have an original MK2 (not the G or the original) service manual? I'm trying to find the location of a couple of parts on the Main board. The copies available on the internet don't have enough resolution to show the part numbers for the chip caps and chip diode pairs.
> >
> > Specifically, I need the Main board location of C158, D48 or D46 to add an IF tap.
> >
> > Can anyone help? Thanks.
> >
> > Gary
> > K3OS
>

# 19848. Auto Tuner LDG AT 11 MP

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-15 10:13:01 UTC
From: Music Maker
Topic: 19848  Message: 19848

Hello Happy Hamsters,

Thank you for having me as a member of the Group.

I have joined, as have just purchased a 706 Mk 1 on the Flea Bay (with most of the accessories), It should be with me on Wednesday.

I have also bought an Auto Tuner via Ebay from a UK major Dealer (Waters & Stantion) an LDG AT11MP Tuner for it. It appears - looking at the back of the tuner in the pictures (That item too will be here mid-week) that there is a special 3.5mm socket marked '706' on the back of the tuner.

Can anyone please tell me (from experience) if this combo works OK, and that the 'Pluggery' I have ordered from USA is a good investment (The lead supplies power to the Tuner as well as Tuning data).

Next - I am looking for a 13 Pin Din connector for my existing SignaLink USB Datamode Interface if anyone has one spare, obviously, I will pay and for shipping. Tigertronix want about 45 dollars plus 20 Dollars to ship - Far too much for this poor Old Age Pensioner !!

Finally, if you look on my QRZ page, there is a link to my Web Site which has loads of stuff on it, Ham Radio, Digital Modes, My American Wife's Music (and mine !! - we are both retired Pro Musicians), German Shepherd Dogs, Genealogy, etc., I am sure you will find something of interest there to keep you out of mischief (or off the air) for an hour or so !!

Don't know if a direct link will work on Group Posts - but here it is .... AMATEUR RADIO PAGE <http://musitronixbiz.ipage.com/ham-radio.html>

73 and gd DX

John (G3OBU)

[Non-text portions of this message have been removed]

# 19849. Re: [ic706] Auto Tuner LDG AT 11 MP

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-16 02:01:08 UTC
From: Ken Winterling
Topic: 19848  Message: 19849

John,

You didn't indicate that you had the manual for the tuner so I attached the LDG AT11MP manual and also included your direct e-mail address as a Cc: because the reflector will strip the attachment. You can also obtain the manual for this discontinued product direct from the LDG site via the following link:
http://www.ldgelectronics.com/assets/discontinued_manuals/at11mp.pdf.

The connection of the tuner to the Icom is explained in the manual as well as the operation of the tuner without the connection. Yes, the AT11MP works nicely with the IC-706. I originally had the same tuner but passed it along to my son when I got an AT-200 Pro.

As for 13 pin DIN connectors, have you looked (I didn't) on the UK ebay? You may find what you want and the shipping should be cheaper.

73,

Ken
WA2LBI

On Sun, Jul 15, 2012 at 6:13 AM, Music Maker <jhaddleton@...> wrote:

> **
>
>
> Hello Happy Hamsters,
>
> Thank you for having me as a member of the Group.
>
> I have joined, as have just purchased a 706 Mk 1 on the Flea Bay (with
> most of the accessories), It should be with me on Wednesday.
>
> I have also bought an Auto Tuner via Ebay from a UK major Dealer (Waters
> & Stantion) an LDG AT11MP Tuner for it. It appears - looking at the
> back of the tuner in the pictures (That item too will be here mid-week)
> that there is a special 3.5mm socket marked '706' on the back of the
> tuner.
>
> Can anyone please tell me (from experience) if this combo works OK, and
> that the 'Pluggery' I have ordered from USA is a good investment (The
> lead supplies power to the Tuner as well as Tuning data).
>
> Next - I am looking for a 13 Pin Din connector for my existing SignaLink
> USB Datamode Interface if anyone has one spare, obviously, I will pay
> and for shipping. Tigertronix want about 45 dollars plus 20 Dollars

> to ship - Far too much for this poor Old Age Pensioner !!
>
> Finally, if you look on my QRZ page, there is a link to my Web Site
> which has loads of stuff on it, Ham Radio, Digital Modes, My American
> Wife's Music (and mine !! - we are both retired Pro Musicians), German
> Shepherd Dogs, Genealogy, etc., I am sure you will find something of
> interest there to keep you out of mischief (or off the air) for an hour
> or so !!
>
> Don't know if a direct link will work on Group Posts - but here it is
> .... AMATEUR RADIO PAGE <http://musitronixbiz.ipage.com/ham-radio.html>
>
> 73 and gd DX
>
> John (G3OBU)
>

[Non-text portions of this message have been removed]

# 19850. Re: Auto Tuner LDG AT 11 MP

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-16 10:27:24 UTC
From: Don
Topic: 19848  Message: 19850

John,

Don't buy JUST the 13 pin DIN connector, get one with the wires already attached.(pigtail on the connector) The connectors we've been getting here in the colonies are the cheap plastic ones and are very sensitive to heat from a soldering iron. They almost melt on contact. Spend the extra and get the wire attached...

73

don KC1AT

--- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@...> wrote:
>
> John,
>
> You didn't indicate that you had the manual for the tuner so I attached
> the LDG AT11MP manual and also included your direct e-mail address as a Cc:
> because the reflector will strip the attachment. You can also obtain the
> manual for this discontinued product direct from the LDG site via the
> following link:
> http://www.ldgelectronics.com/assets/discontinued_manuals/at11mp.pdf.
>
> The connection of the tuner to the Icom is explained in the manual as well
> as the operation of the tuner without the connection. Yes, the AT11MP
> works nicely with the IC-706. I originally had the same tuner but passed
> it along to my son when I got an AT-200 Pro.
>
> As for 13 pin DIN connectors, have you looked (I didn't) on the UK ebay?
> You may find what you want and the shipping should be cheaper.
>
> 73,
>
> Ken
> WA2LBI
>
>
>
> On Sun, Jul 15, 2012 at 6:13 AM, Music Maker <jhaddleton@...> wrote:
>
> > **
> > >
> > >
> > > Hello Happy Hamsters,
> > >
> > > Thank you for having me as a member of the Group.
> > >

> > I have joined, as have just purchased a 706 Mk 1 on the Flea Bay (with
> > most of the accessories), It should be with me on Wednesday.
> >
> > I have also bought an Auto Tuner via Ebay from a UK major Dealer (Waters
> > & Stantion) an LDG AT11MP Tuner for it. It appears - looking at the
> > back of the tuner in the pictures (That item too will be here mid-week)
> > that there is a special 3.5mm socket marked '706' on the back of the
> > tuner.
> >
> > Can anyone please tell me (from experience) if this combo works OK, and
> > that the 'Pluggery' I have ordered from USA is a good investment (The
> > lead supplies power to the Tuner as well as Tuning data).
> >
> > Next - I am looking for a 13 Pin Din connector for my existing SignaLink
> > USB Datamode Interface if anyone has one spare, obviously, I will pay
> > and for shipping. Tigertronix want about 45 dollars plus 20 Dollars
> > to ship - Far too much for this poor Old Age Pensioner !!
> >
> > Finally, if you look on my QRZ page, there is a link to my Web Site
> > which has loads of stuff on it, Ham Radio, Digital Modes, My American
> > Wife's Music (and mine !! - we are both retired Pro Musicians), German
> > Shepherd Dogs, Genealogy, etc., I am sure you will find something of
> > interest there to keep you out of mischief (or off the air) for an hour
> > or so !!
> >
> > Don't know if a direct link will work on Group Posts - but here it is
> > .... AMATEUR RADIO PAGE <http://musitronixbiz.ipage.com/ham-radio.html>
> >
> > 73 and gd DX
> >
> > John (G3OBU)
> >
>
>
> [Non-text portions of this message have been removed]
>

# 19851. Re: 706MK2 only 5W out.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-16 21:28:25 UTC
From: dfas_eu
Topic: 19827  Message: 19851

Hi everyone,

I have the same problems with mine. Did reset but nothing happens. The power is sometimes 4, when cold up to 5 watts. What makes me wonder is that it gets really warm too. I also have a IC-706 MK1 which does fine and will not get as hot with 50 watts running. Anyone found a solution for this problem yet? I checked all connections, screws on the boards etc. Have no idea what is going on. Had it at a dealer also and it came back with the notification - everything ok (transistors) but power can not be adjusted through the menue.

Would really be great if someone solved that problem befor.

Thanks
Harry

--- In ic706@yahoogroups.com, "rodbender2007" <g0rlf@...> wrote:
>
> Hi Wayne,
> Yes it is all bands. I have checked the connections where accessible.
>
>
> --- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@> wrote:
> >
> > Is this on all bands?
> >
> > One possibility to check would be all mechanical connections inside radio.
> > Tighten all screws on circuit boards as ground return paths depend on a
> > good low resistance connection.
> >
> > Wayne
> > n4eyz

> >
> > [Non-text portions of this message have been removed]
> >
>

# 19852. 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-17 22:39:05 UTC
From: Seli O
Topic: 19852  Message: 19852

Hi,
Recently I got a 706MKIIG and as I had the older type MKII, I moved the filters and the Better RF tune control to the new rig. But, the tune control doesn't work at all, but it's faulty as I tried it again on the MKII, and works there. Is there any history of the MKIIG Molex connector unit gone bad, due to, for example RF problem? Any special menu settings to get this working, I've tried few? 73 Seli TF3AO

# 19853. RE: EXTERNAL: [ic706] 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 12:16:47 UTC
From: Lefczik, Larry D
Topic: 19852  Message: 19853

There are settings in the manual that need adjusting. You can compare the MKII settings if you don't have the manual.

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Seli O
Sent: Tuesday, July 17, 2012 6:39 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] 706MKIIG and Better RF tune control

Hi,
Recently I got a 706MKIIG and as I had the older type MKII, I moved the filters and the Better RF tune control to the new rig. But, the tune control doesn't work at all, but it's faulty as I tried it again on the MKII, and works there. Is there any history of the MKIIG Molex connector unit gone bad, due to, for example RF problem? Any special menu settings to get this working, I've tried few? 73 Seli TF3AO

---

Yahoo! Groups Links

# 19854. Re: 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 14:34:18 UTC
From: Tom Root
Topic: 19852  Message: 19854

I use my BETTER RF TUNE CONTROL with my 706MIIG..I've (very carefully) unplugged and re-plugged it in 4-5 separate times, with no problem..I don't know a fix for you..good luck OM..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 19855. Re: Auto Tuner LDG AT 11 MP

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 20:30:53 UTC
From: Music Maker
Topic: 19848  Message: 19855

Thanks guys for your advice and assistance, But in spite of the 706 arriving this morning from the seller, having a 13 pin Din Plug, with a length of cable stripped back with the different coloured wires visible, I have taken your good advice, and ordered the correct control lead from America, at 19 Dollars US.

I am now going to do a post on my next requirement.... a CIV Cable !!!

Again, many thanks to those who responded,

John (G3OBU)

--- In ic706@yahoogroups.com, "Don" <kc1at@...> wrote:
>
> John,
>
> Don't buy JUST the 13 pin DIN connector, get one with the wires already attached.(pigtail on the connector) The connectors we've been getting here in the colonies are the cheap plastic ones and are very sensitive to heat from a soldering iron. They almost melt on contact. Spend the extra and get the wire attached...
>
> 73
>
> don KC1AT
>
> --- In ic706@yahoogroups.com, Ken Winterling <wa2lbi@> wrote:
> >
> > John,
> >
> > You didn't indicate that you had the manual for the tuner so I attached
> > the LDG AT11MP manual and also included your direct e-mail address as a Cc:
> > because the reflector will strip the attachment. You can also obtain the
> > manual for this discontinued product direct from the LDG site via the
> > following link:
> > http://www.ldgelectronics.com/assets/discontinued_manuals/at11mp.pdf.
> >
> > The connection of the tuner to the Icom is explained in the manual as well
> > as the operation of the tuner without the connection. Yes, the AT11MP
> > works nicely with the IC-706. I originally had the same tuner but passed
> > it along to my son when I got an AT-200 Pro.
> >
> > As for 13 pin DIN connectors, have you looked (I didn't) on the UK ebay?
> > You may find what you want and the shipping should be cheaper.
> >
> > 73,
> >
> > Ken

> > WA2LBI
> >
> >
> >
> > On Sun, Jul 15, 2012 at 6:13 AM, Music Maker <jhaddleton@> wrote:
> >
> > > **
> > >
> > >
> > > Hello Happy Hamsters,
> > >
> > > Thank you for having me as a member of the Group.
> > >
> > > I have joined, as have just purchased a 706 Mk 1 on the Flea Bay (with
> > > most of the accessories), It should be with me on Wednesday.
> > >
> > > I have also bought an Auto Tuner via Ebay from a UK major Dealer (Waters
> > > & Stantion) an LDG AT11MP Tuner for it. It appears - looking at the
> > > back of the tuner in the pictures (That item too will be here mid-week)
> > > that there is a special 3.5mm socket marked '706' on the back of the
> > > tuner.
> > >
> > > Can anyone please tell me (from experience) if this combo works OK, and
> > > that the 'Pluggery' I have ordered from USA is a good investment (The
> > > lead supplies power to the Tuner as well as Tuning data).
> > >
> > > Next - I am looking for a 13 Pin Din connector for my existing SignaLink
> > > USB Datamode Interface if anyone has one spare, obviously, I will pay
> > > and for shipping. Tigertronix want about 45 dollars plus 20 Dollars
> > > to ship - Far too much for this poor Old Age Pensioner !!
> > >
> > > Finally, if you look on my QRZ page, there is a link to my Web Site
> > > which has loads of stuff on it, Ham Radio, Digital Modes, My American
> > > Wife's Music (and mine !! - we are both retired Pro Musicians), German
> > > Shepherd Dogs, Genealogy, etc., I am sure you will find something of
> > > interest there to keep you out of mischief (or off the air) for an hour
> > > or so !!
> > >
> > > Don't know if a direct link will work on Group Posts - but here it is
> > > .... AMATEUR RADIO PAGE <http://musitronixbiz.ipage.com/ham-radio.html>
> > >
> > > 73 and gd DX
> > >
> > > John (G3OBU)
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 19856. Need CIV Cabling and Pluggery for 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 20:38:56 UTC
From: Music Maker
Topic: 19856  Message: 19856

.

CIV cables and plugs for 706 Mk 1

Does anyone have one of these sets of cabling / plugs in their Junk Box please? Obviously, I will pay for it plus Post and Packing.

Otherwise, is there any way to find the kit .... I want to use HRD to control the rig, as the buttons are all too small for my banana-sized and arthritic fingers !!, and as a State Pensioner, I don't have a lot of cash to spare on the luxuries of life.

Suggestions and comments welcome.

Thank you and 73

John (G3OBU)

# 19857. Re: [ic706] Need CIV Cabling and Pluggery for 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 21:03:37 UTC
From: Ralph Mowery
Topic: 19856  Message: 19857

I would say look on EBAY.  They can be had for around $ 20. That is the buy it now price so they will ship right out.  If you are in the UK, about 15 pounds including shipping from dealers there.  If you want to wait, China has some for maybe a few dollars less.

Just search for Icom cable.

--- On Wed, 7/18/12, Music Maker <jhaddleton@...> wrote:

From: Music Maker <jhaddleton@...>
Subject: [ic706] Need CIV Cabling and Pluggery for 706 Mk1
To: ic706@yahoogroups.com
Date: Wednesday, July 18, 2012, 4:38 PM

.

CIV cables and plugs for 706 Mk 1

Does anyone have one of these sets of cabling / plugs in their Junk Box please?  Obviously, I will pay for it plus Post and Packing.

Otherwise, is there any way to find the kit .... I want to use HRD to control the rig, as the buttons are all too small for my banana-sized and arthritic fingers !!, and as a State Pensioner, I don't have a lot of cash to spare on the luxuries of life.

Suggestions and comments welcome.

Thank you and 73

John (G3OBU)

[Non-text portions of this message have been removed]

# 19858. Just got a 706 Mk1 have some questions

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 07:43:47 UTC
From: Stuart
Topic: 19858  Message: 19858

Hi All

Just got a 706 mk1.
It all appears to be working so far.
Had a couple of qso's on 80M.

Received audio in ssb mode seems very tinny and a little scratchy even with headphones plugged in - is this normal for a mk1 ?
Using the IF shift to cut the higher frequencies seemed to improve it a little.

My reports for my transmitted audio were clear but apparently tinny and lacking bass.
Someone described it as military quality - is this normal for the mk1

The NB certainly working but is there any way to adjust the nb level?

That will do for now

73's

Stu
M0STF

# 19859. Re: 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 14:50:25 UTC
From: Ernest L. Kapphahn
Topic: 19852  Message: 19859

There is a pin on the 4 pin plug that applies the voltage to the tuner. If the rig has been used with a tuner other than the Icom tuner, it could be that the tuner drew too much current. There is no fuse in this part of the circuit, so the board traces become fuses. Check the board for evidence of charring in this part of the circuit.

My MKIIg has this problem but there is no charring of the board. A dog chewed through the control lines going to my SGC 237 coupler. The wires shorted and the next time I tuned, zap! This can also happen if someone plugs a connector into the 4 pin socket that has been mis-wired.
Ernie W6KAP

# 19860. Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 16:53:29 UTC
From: dan.schipman
Topic: 19860  Message: 19860

Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.

# 19861. Control Heads

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-18 21:23:22 UTC
From: Jude Domanski
Topic: 19861  Message: 19861

Does anybody know if Icom still has control heads available for the 706 series radios?

[Non-text portions of this message have been removed]

# 19862. Re: [ic706] Need CIV Cabling and Pluggery for 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 06:32:39 UTC
From: KHLT
Topic: 19856  Message: 19862

On 18/07/2012 21:38, Music Maker wrote:
> .
>
> CIV cables and plugs for 706 Mk 1
>
> Does anyone have one of these sets of cabling / plugs in their Junk Box please? Obviously, I will pay for it plus Post and Packing.
>
> Otherwise, is there any way to find the kit .... I want to use HRD to control the rig, as the buttons are all too small for my banana-sized and arthritic fingers !!, and as a State Pensioner, I don't have a lot of cash to spare on the luxuries of life.
>
> Suggestions and comments welcome.
>
> Thank you and 73
>
> John (G3OBU)
>
>

Hi John,

I made up this simple interface as found at
http://www.qsl.net/g3vgr/civ.html

The PTT I already had a home made data interface and use a opto-isolator
for CW and a relay for data via a switch (the back data port needs a
true zero ohm that the opto couldn't give but the relay isn't fast
enough for the CW switching)

Kymmy

# 19863. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 11:01:03 UTC
From: Alan Beagley
Topic: 19860  Message: 19863

On 07/18/12 12:53 pm, dan.schipman wrote:

> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.

I don't know how well the 706 works on 12V -- it's designed for 13.8V -- but it might run OK for a short time at low power on a freshly charged 12V gel-cell or other sealed-lead-acid battery. How much weight are you willing to carry around? 12V 7Ah to 8.5Ah batteries are reasonably small and not too heavy, but the weight and size increase with increasing capacity.

If you have a Batteries Plus store near you, you could look at what they have and get some idea of the size and weight for a given capacity, but their prices are high. I've bought sealed batteries for Uninterruptible Power Supplies from Chrome Battery on eBay; you can check sizes and weights on their Web site.

73

Alan NV8A

# 19864. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 13:44:34 UTC
From: LARRY J. FORD
Topic: 19860  Message: 19864

I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart 75 AH Marine Battery, and found it will run the 706MKII all day for Field Day, public service event, ARES drills, and the like.

I do keep it on a charger, and it gets a 45 minute "boost" every evening at a 6 amp charging rate.

Must be working because it shows no signs of losing capacity after 3 years.

After years of using 12 volt batteries in applications where the batteries get used sporadically (e.g., aircraft stored in hangars, etc.), I've found the key to long battery life is regular charging (if the aircraft, etc., is not used on a regular - i.e., daily or weekly - basis to give the battery a good charge).

Anyway, that's my story and I'm stickin' to it!

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 19 Jul 2012 05:05:11 AM EDT
From: "dan.schipman" <dan.schipman@...>
To: ic706@yahoogroups.com
Subject: [ic706] Battery for portable operation

> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.
>
>

# 19865. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 16:18:31 UTC
From: Alan Beagley
Topic: 19860  Message: 19865

75Ah!! Your definition of "portable" must be different from mine.

73

Alan NV8A

On 07/19/12 09:44 am, LARRY J. FORD wrote:

> I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart 75 AH
> Marine Battery, and found it will run the 706MKII all day for Field Day,
> public service event, ARES drills, and the like.
>
> I do keep it on a charger, and it gets a 45 minute "boost" every evening at a
> 6 amp charging rate.
>
> Must be working because it shows no signs of losing capacity after 3 years.
>
> After years of using 12 volt batteries in applications where the batteries get
> used sporadically (e.g., aircraft stored in hangars, etc.), I've found the key
> to long battery life is regular charging (if the aircraft, etc., is not used
> on a regular - i.e., daily or weekly - basis to give the battery a good
> charge).
>
> Anyway, that's my story and I'm stickin' to it!
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
>
>
> ------ Original Message ------
> Received: Thu, 19 Jul 2012 05:05:11 AM EDT
> From: "dan.schipman"<dan.schipman@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Battery for portable operation
>
>> Does anyone have any recommendations for a battery to operate the 706MKII
> portable. I wasn't sure where to look locally for one. I guess Walmart or auto
> parts stores would have one.
>>
>>
>
>

>

# 19866. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 16:40:51 UTC
From: Larry J. Ford
Topic: 19860  Message: 19866

Really? What's your definition? Operate for an hour or so?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Alan Beagley
To: ic706@yahoogroups.com
Sent: Thursday, July 19, 2012 12:18 PM
Subject: Re: [ic706] Battery for portable operation

75Ah!! Your definition of "portable" must be different from mine.

73

Alan NV8A

On 07/19/12 09:44 am, LARRY J. FORD wrote:

> I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart 75 AH
> Marine Battery, and found it will run the 706MKII all day for Field Day,
> public service event, ARES drills, and the like.
>
> I do keep it on a charger, and it gets a 45 minute "boost" every evening at a
> 6 amp charging rate.
>
> Must be working because it shows no signs of losing capacity after 3 years.
>
> After years of using 12 volt batteries in applications where the batteries get
> used sporadically (e.g., aircraft stored in hangars, etc.), I've found the key
> to long battery life is regular charging (if the aircraft, etc., is not used
> on a regular - i.e., daily or weekly - basis to give the battery a good
> charge).
>
> Anyway, that's my story and I'm stickin' to it!
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
>
>
> ------ Original Message ------
> Received: Thu, 19 Jul 2012 05:05:11 AM EDT
> From: "dan.schipman"<dan.schipman@...>

> To: ic706@yahoogroups.com
> Subject: [ic706] Battery for portable operation
>
>> Does anyone have any recommendations for a battery to operate the 706MKII
> portable. I wasn't sure where to look locally for one. I guess Walmart or auto
> parts stores would have one.
>>
>>
>
>
>

[Non-text portions of this message have been removed]

# 19867. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 16:47:10 UTC
From: AG0N-3055
Topic: 19860  Message: 19867

On Thu, 19 Jul 2012 12:18:31 -0400, Alan Beagley wrote:

> 75Ah!! Your definition of "portable" must be different from mine.

Not sure what you expect. You're dealing with a radio that will draw
around 20A when keyed. That won't last long without being charged.
Also, the rig may not be stable when the voltage gets low. I sure
wouldn't want a puny little thing if I was going portable with it.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19868. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 17:01:21 UTC
From: Ralph Mowery
Topic: 19860  Message: 19868

The Icom 706 draws about an amp just on receive.  To operate for 8 hours, you will need a battery rated at 8 AH or more just to receive.  Then if you operate at 50 to 100 watts, you will need lots of AH.

Portable operation for that rig will take a car battery size.  The QRP rigs use the 10 or so AH batteries draw in the miliamps to receive and often 5 watts or less to transmitt.

Again, portable means differant things to differant people.

Afterall,for field day, our club operated portable with a 20 kw generator.

--- On Thu, 7/19/12, Larry J. Ford <lford@...> wrote:

From: Larry J. Ford <lford@...>
Subject: Re: [ic706] Battery for portable operation
To: ic706@yahoogroups.com
Date: Thursday, July 19, 2012, 12:40 PM

Really?  What's your definition?  Operate for an hour or so?

Larry J. Ford
KG4GPJ

  ----- Original Message -----
  From: Alan Beagley
  To: ic706@yahoogroups.com
  Sent: Thursday, July 19, 2012 12:18 PM
  Subject: Re: [ic706] Battery for portable operation

  75Ah!! Your definition of "portable" must be different from mine.

  73

  Alan NV8A

[Non-text portions of this message have been removed]

# 19869. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 17:04:52 UTC
From: Mark Brueggemann
Topic: 19860  Message: 19869

--- On Thu, 7/19/12, Ralph Mowery <ku4pt@...> wrote:

> The Icom 706 draws about an amp just on receive.

And it draws 6A keyed, with *no* RF output. So even if you turn the RF power down to 5W out, you're still going to be drawing appreciable current just for bias.

Mark K5LXP
Albuquerque, NM

# 19870. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 17:07:47 UTC
From: Alan Beagley
Topic: 19860  Message: 19870

I was thinking of "Go-Bag" portable, such as one of our club members demonstrated a couple of meetings ago: it was one of the small Yaesu rigs rather than an Icom, but he had a battery such as I mentioned previously -- a battery with a capacity less than 10Ah.

73

Alan NV8A

On 07/19/12 12:40 pm, Larry J. Ford wrote:
> Really? What's your definition? Operate for an hour or so?
>
> Larry J. Ford
> KG4GPJ
>
>
> ----- Original Message -----
> From: Alan Beagley
> To: ic706@yahoogroups.com
> Sent: Thursday, July 19, 2012 12:18 PM
> Subject: Re: [ic706] Battery for portable operation
>
>
>
> 75Ah!! Your definition of "portable" must be different from mine.
>
> 73
>
> Alan NV8A
>
> On 07/19/12 09:44 am, LARRY J. FORD wrote:
>
> > I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart 75 AH
> > Marine Battery, and found it will run the 706MKII all day for Field Day,
> > public service event, ARES drills, and the like.
> >
> > I do keep it on a charger, and it gets a 45 minute "boost" every evening at a
> > 6 amp charging rate.
> >
> > Must be working because it shows no signs of losing capacity after 3 years.
> >
> > After years of using 12 volt batteries in applications where the batteries get
> > used sporadically (e.g., aircraft stored in hangars, etc.), I've found the key
> > to long battery life is regular charging (if the aircraft, etc., is not used
> > on a regular - i.e., daily or weekly - basis to give the battery a good
> > charge).

> >
> > Anyway, that's my story and I'm stickin' to it!
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> >
> >
> > ------ Original Message ------
> > Received: Thu, 19 Jul 2012 05:05:11 AM EDT
> > From: "dan.schipman"<dan.schipman@...>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Battery for portable operation
> >
> >> Does anyone have any recommendations for a battery to operate the 706MKII
> > > portable. I wasn't sure where to look locally for one. I guess Walmart or auto
> > > parts stores would have one.
> >>
> >>
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 19871. Re: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 18:06:49 UTC
From: Larry J. Ford
Topic: 19860  Message: 19871

Alan NV8A wrote: "I was thinking of 'Go-Bag' portable ... a battery with a capacity less than 10Ah."

That might work for "portable" operation with an IC-703 QRP rig, but not for long for the 706, for reasons other folks have so aptly pointed-out.

Also, you have to be concerned about voltage sag in the supply voltage to the rig at any setting approaching full power. The big, honking 75AH battery will provide at least 12.5 VDC to the 706, key-down, full power setting, and will do it all day long, as it has plenty of current capacity. Now the 706 may not put out a full 100 watts on 12.5 volts (there's a chart floating around somewhere which illustrates the power-out vs. supply voltage relationship), but it's probably around 90 watts.

Speaking of size and carrying, I have a nice battery box with carry handles built-in. The 75 AH battery is not exactly "light" (it is a sealed lead-acid battery), but even with my bad back I can pick it up, put in the vehicle and get it to the site.

If you want a battery that will fit in a "bag," I suggest you stick with a hand-held! The 706 needs something way more substantial.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Alan Beagley
To: ic706@yahoogroups.com
Sent: Thursday, July 19, 2012 1:07 PM
Subject: Re: [ic706] Battery for portable operation

I was thinking of "Go-Bag" portable, such as one of our club members demonstrated a couple of meetings ago: it was one of the small Yaesu rigs rather than an Icom, but he had a battery such as I mentioned previously -- a battery with a capacity less than 10Ah.

73

Alan NV8A

On 07/19/12 12:40 pm, Larry J. Ford wrote:
> Really? What's your definition? Operate for an hour or so?
>
> Larry J. Ford
> KG4GPJ
>
>

> ----- Original Message -----
> From: Alan Beagley
> To: ic706@yahoogroups.com
> Sent: Thursday, July 19, 2012 12:18 PM
> Subject: Re: [ic706] Battery for portable operation
>
>
>
> 75Ah!! Your definition of "portable" must be different from mine.
>
> 73
>
> Alan NV8A
>
> On 07/19/12 09:44 am, LARRY J. FORD wrote:
>
> > I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart
75 AH
> > Marine Battery, and found it will run the 706MKII all day for Field Day,
> > public service event, ARES drills, and the like.
> >
> > I do keep it on a charger, and it gets a 45 minute "boost" every evening
at a
> > 6 amp charging rate.
> >
> > Must be working because it shows no signs of losing capacity after 3
years.
> >
> > After years of using 12 volt batteries in applications where the
batteries get
> > used sporadically (e.g., aircraft stored in hangars, etc.), I've found
the key
> > to long battery life is regular charging (if the aircraft, etc., is not
used
> > on a regular - i.e., daily or weekly - basis to give the battery a good
> > charge).
> >
> > Anyway, that's my story and I'm stickin' to it!
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> >
> >
> > ------ Original Message ------
> > Received: Thu, 19 Jul 2012 05:05:11 AM EDT
> > From: "dan.schipman"<dan.schipman@...>

> > To: ic706@yahoogroups.com
> > Subject: [ic706] Battery for portable operation
> >
> >> Does anyone have any recommendations for a battery to operate the
706MKII
> > portable. I wasn't sure where to look locally for one. I guess Walmart
or auto
> > parts stores would have one.
> >>
> >>
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 19872. Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 17:09:43 UTC
From: dan.schipman
Topic: 19860  Message: 19872

Thanks for all the info.. I was looking at operating portable for only a couple of hours at QRP levels (5w). I should have specified that in the original post. I guess I should look at a Icom 703 or Yaesu 817 if I want to go the portable route with more ease.

--- In ic706@yahoogroups.com, "dan.schipman" <dan.schipman@...> wrote:
>
> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.
>

# 19873. RE: [ic706] Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 14:29:26 UTC
From: Max White
Topic: 19860  Message: 19873

Keeping a marine battery float charged seems to offer benefits, plus an old adage I read a long time ago, of not to keep batteries on
a concrete floor but raised off it - they do not like the cold.

A colleague who passes on old UPS batteries from his company, they are also good - only old due to timeline, not reliability.

73 Max/M0VNG/2E0RGO

To: ic706@yahoogroups.com
From: lford@...
Date: Thu, 19 Jul 2012 09:44:34 -0400
Subject: Re: [ic706] Battery for portable operation

I have an ICOM IC-706MKII and for the last 3 years, I've used a Walmart 75 AH Marine Battery, and found it will run the 706MKII all day for Field Day, public service event, ARES drills, and the like.

I do keep it on a charger, and it gets a 45 minute "boost" every evening at a 6 amp charging rate.

Must be working because it shows no signs of losing capacity after 3 years.

After years of using 12 volt batteries in applications where the batteries get used sporadically (e.g., aircraft stored in hangars, etc.), I've found the key to long battery life is regular charging (if the aircraft, etc., is not used on a regular - i.e., daily or weekly - basis to give the battery a good charge).

Anyway, that's my story and I'm stickin' to it!

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 19 Jul 2012 05:05:11 AM EDT
From: "dan.schipman" <dan.schipman@...>
To: ic706@yahoogroups.com
Subject: [ic706] Battery for portable operation

> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.
>
>

[Non-text portions of this message have been removed]

# 19874. Re: [ic706] Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 20:10:52 UTC
From: Mark Brueggemann
Topic: 19860  Message: 19874

--- On Thu, 7/19/12, dan.schipman <dan.schipman@...> wrote:

> I was looking at operating portable for only a couple of
> hours at QRP levels (5w).

I can get somewhere between 1 and 2 hours on a single 7Ah gel cell at 5W out with Field Day CW duty cycles. An SLA jump start pack will about double that.

Mark K5LXP
Albuquerque, NM

# 19875. Re: [ic706] Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 20:27:26 UTC
From: Larry J. Ford
Topic: 19860  Message: 19875

Well, this is a 706 list! ;-)

A friend was deployed to the bottom of the Grand Canyon for 2 weeks with his job as a biologist with the US Fish & Wildlife Service (surveying fish populations in whatever flows down there - Colorado River, I suppose) and planned to run his 706 on CW QRP mode off a 7 AH gel cell battery, which he planned to recharge during the day by a portable solar panel array (roll-up) type.

Guess what? It didn't work, as he discovered - too late - the almost 2 A draw of the 706 on receive, not to mention the high current draw even on 5 watts transmit. The 706 drained that little 7 AH battery so fast and so badly, he got maybe 30 minutes or so operating time, and then the portable solar recharger could not fully recharge the battery even after an all day charging session.

For the following year's deployment, he built the Ten-Tec CW QRP kit, only to win a Yaesu 817ND at a hamfest right before he went back to the Grand Canyon! Talk about luck!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: dan.schipman
To: ic706@yahoogroups.com
Sent: Thursday, July 19, 2012 1:09 PM
Subject: [ic706] Re: Battery for portable operation

Thanks for all the info.. I was looking at operating portable for only a couple of hours at QRP levels (5w). I should have specified that in the original post. I guess I should look at a Icom 703 or Yaesu 817 if I want to go the portable route with more ease.

--- In ic706@yahoogroups.com, "dan.schipman" <dan.schipman@...> wrote:
>
> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.
>

[Non-text portions of this message have been removed]

# 19876. Re: [ic706] Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 22:20:07 UTC
From: AG0N-3055
Topic: 19860  Message: 19876

On Thu, 19 Jul 2012 17:09:43 -0000, dan.schipman wrote:

> Thanks for all the info.. I was looking at operating portable for only a couple of hours at QRP levels (5w). I should have specified that in the original post. I guess I should look at a Icom 703 or Yaesu 817 if I want to go the portable route with more ease.

Not familiar with those rigs, but yes. If you are serious about going portable, you should look at a rig built specifically for QRP/Portable operation. For one thing, they concentrate on getting the receive current drain as low as possible. No lights, etc. They can get down to the milliamp range on receive if designed right.

Gary
--
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

# 19877. Re: 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-19 22:41:30 UTC
From: John Levo
Topic: 19852  Message: 19877

Check the website for Debco Electronics, Cincinnati, OH. debco.com

They were at the Indianapolis Hamfest Saturday and had them. I think for $25. There is no problem with Debco. They are legit.

WA8KIW

[Non-text portions of this message have been removed]

# 19878. Re: [ic706] Re: 706MKIIG and Better RF tune control

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 00:19:33 UTC
From: Mike Rodgers
Topic: 19852  Message: 19878

For some reason I grew tired of using those. I'm not sure why but went back to using rtty and am mode instead.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jul 19, 2012, at 5:41 PM, "John Levo" <jlevo@...> wrote:

> Check the website for Debco Electronics, Cincinnati, OH. debco.com
>
> They were at the Indianapolis Hamfest Saturday and had them. I think for $25. There is no problem with Debco. They are legit.
>
> WA8KIW
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19879. Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 04:18:24 UTC
From: adam_laurich
Topic: 19860  Message: 19879

I was considering building myself a LiFePO4 battery pack for my radio. You can get 10Ah cells with screw terminals and can handle up to 100A discharge. They are commonly used for electric bicycle projects.

--- In ic706@yahoogroups.com, "dan.schipman" <dan.schipman@...> wrote:
>
> Does anyone have any recommendations for a battery to operate the 706MKII portable. I wasn't sure where to look locally for one. I guess Walmart or auto parts stores would have one.
>

# 19880. Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 07:51:49 UTC
From: gunnystungun
Topic: 19860  Message: 19880

I use two lawnmower batteries in parallel for "emergency" power. They fit nice in a single battery box. At my house, "emergency" has nothing to do with contesting during a power outage.

# 19881. Re: [ic706] Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 14:08:00 UTC
From: LARRY J. FORD
Topic: 19860  Message: 19881

"Lawnmower batteries?" For an electric, cordless lawnmower, or the small, 12V batteries like are used in my riding lawnmower?

What's the capacity of what you use?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 20 Jul 2012 03:52:24 AM EDT
From: "gunnystungun" <kg4mlo@bluestreakisp.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Battery for portable operation

>
>
> I use two lawnmower batteries in parallel for "emergency" power. They fit nice in a single battery box. At my house, "emergency" has nothing to do with contesting during a power outage.
>
>

# 19882. Distorted transmit audio on HF SSB and power issue - need help!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 17:44:52 UTC
From: Stuart
Topic: 19882  Message: 19882

Just bought a 706 Mk1 but looks like it has some faults.

Getting reports of heavily distorted audio on hf ssb.
Also when using compression maximum output seems to be close to 100 watts. But when transmitting without compression peek ssb seems to drop below 50 watts even with the mic gain on max.

I've monitored the transmitted audio on another receiver and no combination of mike gain with compression on or off gets rid of the distortion.

I've opened the HM103 mic and a disk of rubber was floating around loose in the back
The mic insert is only about 5mm diameter and 5mm long and is just stuck to the inside of the mic's front panel grill, is this how the hm103 is meant to be?

Any idea's with the faults?

Thanks

Stu

# 19883. Re: [ic706] Distorted transmit audio on HF SSB and power issue - need help!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-20 20:26:35 UTC
From: Larry J. Ford
Topic: 19882  Message: 19883

Have you checked the power supply voltage? I know for a fact that low supply voltage will cause audio distortion on SSB transmissions with my 706MKII.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Stuart
To: ic706@yahoogroups.com
Sent: Friday, July 20, 2012 1:44 PM
Subject: [ic706] Distorted transmit audio on HF SSB and power issue - need help!

Just bought a 706 Mk1 but looks like it has some faults.

Getting reports of heavily distorted audio on hf ssb.
Also when using compression maximum output seems to be close to 100 watts. But when transmitting without compression peek ssb seems to drop below 50 watts even with the mic gain on max.

I've monitored the transmitted audio on another receiver and no combination of mike gain with compression on or off gets rid of the distortion.

I've opened the HM103 mic and a disk of rubber was floating around loose in the back
The mic insert is only about 5mm diameter and 5mm long and is just stuck to the inside of the mic's front panel grill, is this how the hm103 is meant to be?

Any idea's with the faults?

Thanks

Stu

[Non-text portions of this message have been removed]

# 19884. Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 06:37:54 UTC
From: gunnystungun
Topic: 19860  Message: 19884

Sorry I didn't specify. Lawn and garden tractor type. Two 340 CCA in parallel lasts quite a while.

# 19885. Re: Distorted transmit audio on HF SSB and power issue - need help!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 10:52:56 UTC
From: gw0div@btinternet.com
Topic: 19882  Message: 19885

The output meter on the radio will look like you're only getting 30 - 50 Watts at full output. You probadly are overdriving the radio.

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Stuart" <stuart.binns@...> wrote:
>
> Just bought a 706 Mk1 but looks like it has some faults.
>
> Getting reports of heavily distorted audio on hf ssb.
> Also when using compression maximum output seems to be close to 100 watts. But when transmitting without compression peek ssb seems to drop below 50 watts even with the mic gain on max.
>
> I've monitored the transmitted audio on another receiver and no combination of mike gain with compression on or off gets rid of the distortion.
>
> I've opened the HM103 mic and a disk of rubber was floating around loose in the back
> The mic insert is only about 5mm diameter and 5mm long and is just stuck to the inside of the mic's front panel grill, is this how the hm103 is meant to be?
>
> Any idea's with the faults?
>
> Thanks
>
> Stu
>

# 19886. Re: [ic706] Distorted transmit audio on HF SSB and power issue - need help!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 12:47:08 UTC
From: Live
Topic: 19882  Message: 19886

I was recommended to remove the rubber disk from the microphone and got much better reports.

Adam
G1ZHD

Sent from my iPhone

On 20 Jul 2012, at 21:26, "Larry J. Ford" <lford@...> wrote:

> Have you checked the power supply voltage? I know for a fact that low supply voltage will cause audio distortion on SSB transmissions with my 706MKII.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Stuart
> To: ic706@yahoogroups.com
> Sent: Friday, July 20, 2012 1:44 PM
> Subject: [ic706] Distorted transmit audio on HF SSB and power issue - need help!
>
> Just bought a 706 Mk1 but looks like it has some faults.
>
> Getting reports of heavily distorted audio on hf ssb.
> Also when using compression maximum output seems to be close to 100 watts. But when transmitting without compression peek ssb seems to drop below 50 watts even with the mic gain on max.
>
> I've monitored the transmitted audio on another receiver and no combination of mike gain with compression on or off gets rid of the distortion.
>
> I've opened the HM103 mic and a disk of rubber was floating around loose in the back
> The mic insert is only about 5mm diameter and 5mm long and is just stuck to the inside of the mic's front panel grill, is this how the hm103 is meant to be?
>
> Any idea's with the faults?
>
> Thanks
>
> Stu
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 19887. Re: [ic706] Re: Battery for portable operation

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 13:17:15 UTC
From: LARRY J. FORD
Topic: 19860  Message: 19887

And a lot cheaper than the Li batteries used in those "cordless" electric lawnmowers!

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 21 Jul 2012 02:38:19 AM EDT
From: "gunnystungun" <kg4mlo@bluestreakisp.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Battery for portable operation

>
>
> Sorry I didn't specify. Lawn and garden tractor type. Two 340 CCA in parallel lasts quite a while.
>
>

# 19888. Re: [ic706] Distorted transmit audio on HF SSB and power issue - need help!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 13:27:05 UTC
From: LARRY J. FORD
Topic: 19882  Message: 19888

And I still recommend you check the supply voltage under load. I've got two 706s (1 "original" IC-706 and 1 IC-706MKII) with the stock factory HM-103 hand mic, and I've never had to remove the rubber disk to get good audio reports.

However, let the supply voltage get much below 12 VDC and you'll have problems (spec is 13.8 VDC, plus or minus 0.15).

I was trying to operate on a battery that was showing in excess of 12.5 VDC not under load, but was sagging when the radio was keyed and dropping below 12VDC and I got distorted audio reports from receiving stations. Switched to a more stable supply and the distorted audio went away.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 21 Jul 2012 08:47:28 AM EDT
From: Live <g1zhd@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Distorted transmit audio on HF SSB and power issue - need help!

> I was recommended to remove the rubber disk from the microphone and got much better reports.
>
> Adam
> G1ZHD
>
> Sent from my iPhone
>
> On 20 Jul 2012, at 21:26, "Larry J. Ford" <lford@...> wrote:
>
> > Have you checked the power supply voltage? I know for a fact that low supply voltage will cause audio distortion on SSB transmissions with my 706MKII.
> >
> > Larry J. Ford
> > KG4GPJ
> > ----- Original Message -----
> > From: Stuart
> > To: ic706@yahoogroups.com
> > Sent: Friday, July 20, 2012 1:44 PM
> > Subject: [ic706] Distorted transmit audio on HF SSB and power issue - need help!
> >

> > Just bought a 706 Mk1 but looks like it has some faults.
> >
> > Getting reports of heavily distorted audio on hf ssb.
> > Also when using compression maximum output seems to be close to 100 watts.
But when transmitting without compression peek ssb seems to drop below 50
watts even with the mic gain on max.
> >
> > I've monitored the transmitted audio on another receiver and no
combination of mike gain with compression on or off gets rid of the
distortion.
> >
> > I've opened the HM103 mic and a disk of rubber was floating around loose
in the back
> > The mic insert is only about 5mm diameter and 5mm long and is just stuck
to the inside of the mic's front panel grill, is this how the hm103 is meant
to be?
> >
> > Any idea's with the faults?
> >
> > Thanks
> >
> > Stu
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 19889. Wiped out by local broadcast station !!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-22 05:33:06 UTC
From: Music Maker
Topic: 19889  Message: 19889

.

Hello Happy Hamsters,

Icom 706 Mk 1

I live about 500 metres from a local AM brodcasting station on 1503Khz at 2Kw.

In AM mode, I can hear nothing over the whole HF spectrum (absolute silence), other than if I tune to the offending transmission, which then comes in at S 9+90db, with the rigs 20db attenuater switched in. Surprisingly, at any random frequency up to around 15Mhz, if I switch the mode to Wide FM, I can hear the transmission (although it is AM) quietly but clearly.

I use a Cushcraft Vertical MA5V antenna, through an LDG Auto Tuner (AT-11MP), and certainly - when that is tuned on a frequency, the signal can no longer be heard in wide FM anywhere, and I am able to use the Transceiver on any band SSB with no problems, other than perhaps a little less sensitivity.

My other transceiver (an Icom IC-746PRO) does not exhibit any of these symptoms an the same antenna.

I have posted on several 'Ham' Forums about these problems, and basically get these answers ...

1, The 706Mk1 is a piece of rubbish - sell it.
2. The 706Mk1 is notorious for having poor 'Front End' filtering and is easily overloaded.
3. Send it to a reputable workshop, or even Icom for a re-alignment and check over.
4. Make a simple 'Notch' rejection circuit with high'Q' circuit using a varable capacitor and a coil in parallel in the coax centre conductor tuned to the offending frequency (1.53Mhz).

Comments please, preferably written on 100 Dollar Bills, to enable me to put this rig in the junk box, and buy a new 857 or Alinco DX70, as I am a 76 year old penniless pensioner !!!

73 to all

John (G3OBU)

# 19890. Re: [ic706] Wiped out by local broadcast station !!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-22 12:24:07 UTC
From: jsilberman
Topic: 19889  Message: 19890

Holy Cow, John, what would cause you to move/live that close to an AM broadcast station? You must have known there would be problems. I agree, the notch or a HP filter is the best cheap bet to make your Mk 1 useable.

GL 73,

John
KB4CRT

Music Maker wrote:
> .
>
> Hello Happy Hamsters,
>
> Icom 706 Mk 1
>
> I live about 500 metres from a local AM brodcasting station on 1503Khz at 2Kw.
>
> In AM mode, I can hear nothing over the whole HF spectrum (absolute silence), other than if I tune to the offending transmission, which then comes in at S 9+90db, with the rigs 20db attenuater switched in. Surprisingly, at any random frequency up to around 15Mhz, if I switch the mode to Wide FM, I can hear the transmission (although it is AM) quietly but clearly.
>
> I use a Cushcraft Vertical MA5V antenna, through an LDG Auto Tuner (AT-11MP), and certainly - when that is tuned on a frequency, the signal can no longer be heard in wide FM anywhere, and I am able to use the Transceiver on any band SSB with no problems, other than perhaps a little less sensitivity.
>
> My other transceiver (an Icom IC-746PRO) does not exhibit any of these symptoms an the same antenna.
>
> I have posted on several 'Ham' Forums about these problems, and basically get these answers ...
>
> 1, The 706Mk1 is a piece of rubbish - sell it.
> 2. The 706Mk1 is notorious for having poor 'Front End' filtering and is easily overloaded.
> 3. Send it to a reputable workshop, or even Icom for a re-alignment and check over.
> 4. Make a simple 'Notch' rejection circuit with high'Q' circuit using a varable capacitor and a coil in parallel in the coax centre conductor tuned to the offending frequency (1.53Mhz).
>
> Comments please, preferably written on 100 Dollar Bills, to enable me to put this rig in the junk box, and buy a new 857 or Alinco DX70, as I am a 76 year old penniless pensioner

!!!
>
> 73 to all
>
> John (G3OBU)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.2178 / Virus Database: 2437/5145 - Release Date: 07/21/12
>
>
>

# 19891. Re: Wiped out by local broadcast station !!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-22 12:55:33 UTC
From: gw0div@btinternet.com
Topic: 19889  Message: 19891

706mk1 and 7400 are worlds apart!! Go for a notch/high pass filter!!

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Music Maker" <jhaddleton@...> wrote:
>
> .
>
> Hello Happy Hamsters,
>
> Icom 706 Mk 1
>
> I live about 500 metres from a local AM brodcasting station on 1503Khz at 2Kw.
>
> In AM mode, I can hear nothing over the whole HF spectrum (absolute silence), other than if I tune to the offending transmission, which then comes in at S 9+90db, with the rigs 20db attenuater switched in. Surprisingly, at any random frequency up to around 15Mhz, if I switch the mode to Wide FM, I can hear the transmission (although it is AM) quietly but clearly.
>
> I use a Cushcraft Vertical MA5V antenna, through an LDG Auto Tuner (AT-11MP), and certainly - when that is tuned on a frequency, the signal can no longer be heard in wide FM anywhere, and I am able to use the Transceiver on any band SSB with no problems, other than perhaps a little less sensitivity.
>
> My other transceiver (an Icom IC-746PRO) does not exhibit any of these symptoms an the same antenna.
>
> I have posted on several 'Ham' Forums about these problems, and basically get these answers ...
>
> 1, The 706Mk1 is a piece of rubbish - sell it.
> 2. The 706Mk1 is notorious for having poor 'Front End' filtering and is easily overloaded.
> 3. Send it to a reputable workshop, or even Icom for a re-alignment and check over.
> 4. Make a simple 'Notch' rejection circuit with high'Q' circuit using a varable capacitor and a coil in parallel in the coax centre conductor tuned to the offending frequency (1.53Mhz).
>
> Comments please, preferably written on 100 Dollar Bills, to enable me to put this rig in the junk box, and buy a new 857 or Alinco DX70, as I am a 76 year old penniless pensioner !!!
>
> 73 to all

>
> John (G3OBU)
>

# 19892. RT-11 to IC-706 cable pin connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-21 19:51:06 UTC
From: yg@internetsmallfry.com
Topic: 19892  Message: 19892

Does anyone have the correct pin connections for the cable that goes from the DB-9 connector on the RT-11 to the 4-pin tuner connector on the back of the IC-706?

There is a file in the Files section of this group called "RT11 Remote.GIF" that shows a connection diagram but I can't see how it can be correct. It shows the 706 pin 2 ("Start") as going to pin 2 on the RT-11... but pin 2 of the RT-11 is the "Tuner bypass" pin whereas pin 3 of the RT-11 is "Tune control". Seems like pin 2 on the IC-706 should go to pin 3 on the RT-11, not pin 2.

Since that connection appears to be wrong, I don't have a lot of confidence in the connection shown for pin 1 on the IC-706 (the "Key" pin) going to pin 7 on the RT-11 (which the RT-11 manual describes, rather uninformatively, as "Radio out. This line is used in the tuner interface with Icom and Alinco radios.").

My best guess, from searching all over the web, is:

ICOM RT-11
1 <-- 7 (NOTE: NOT sure about this one)
2 --> 3
3 --> 1
4 --> 8 & 9

RT-11 pins 2, 4, 5, and 6 are not connected.

Is that correct?

Thanks...

Rick WA1RKT
Londonderry, NH

# 19893. Re: [ic706] Wiped out by local broadcast station !!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-22 20:20:22 UTC
From: Deacon Dave
Topic: 19889  Message: 19893

But NOT the typical HP filter. Typical Ham HP filters attenuate below 30 MHz and pass TV Channel 2 and above.

My filter design courses date back to the 50s. But, either an m-derived image parameter design or a Butterworth design with a corner frequency of 1.6 MHz should help quite a bit.

Give me a direct email and I will respond with the paper schematic of an image parameter design that can be packaged in a radio shack box and left in line. You will have to work the packaging details.

I'm a retired EE and almost 60 years of hammin :-)

Dave, W1MCE

----- Original Message -----
From: jsilberman
To: ic706@yahoogroups.com
Sent: Sunday, July 22, 2012 8:24 AM
Subject: Re: [ic706] Wiped out by local broadcast station !!

Holy Cow, John, what would cause you to move/live that close to an AM broadcast station? You must have known there would be problems. I agree, the notch or a HP filter is the best cheap bet to make your Mk 1 useable.

GL 73,

John
KB4CRT

Music Maker wrote:
> .
>
> Hello Happy Hamsters,
>
> Icom 706 Mk 1
>
> I live about 500 metres from a local AM brodcasting station on 1503Khz at 2Kw.
>
> In AM mode, I can hear nothing over the whole HF spectrum (absolute silence), other than if I tune to the offending transmission, which then comes in at S 9+90db, with the rigs 20db attenuater switched in. Surprisingly, at any random frequency up to around 15Mhz, if I switch the mode to Wide FM, I can hear the transmission (although it is AM) quietly but clearly.
>
> I use a Cushcraft Vertical MA5V antenna, through an LDG Auto Tuner (AT-11MP), and certainly - when that is tuned on a frequency, the signal can no longer be heard in wide FM

anywhere, and I am able to use the Transceiver on any band SSB with no problems, other than perhaps a little less sensitivity.
>
> My other transceiver (an Icom IC-746PRO) does not exhibit any of these symptoms an the same antenna.
>
> I have posted on several 'Ham' Forums about these problems, and basically get these answers ...
>
> 1, The 706Mk1 is a piece of rubbish - sell it.
> 2. The 706Mk1 is notorious for having poor 'Front End' filtering and is easily overloaded.
> 3. Send it to a reputable workshop, or even Icom for a re-alignment and check over.
> 4. Make a simple 'Notch' rejection circuit with high'Q' circuit using a varable capacitor and a coil in parallel in the coax centre conductor tuned to the offending frequency (1.53Mhz).
>
> Comments please, preferably written on 100 Dollar Bills, to enable me to put this rig in the junk box, and buy a new 857 or Alinco DX70, as I am a 76 year old penniless pensioner !!!
>
> 73 to all
>
> John (G3OBU)
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.2178 / Virus Database: 2437/5145 - Release Date: 07/21/12
>
>
>

[Non-text portions of this message have been removed]

# 19894. Re: Wiped out by local broadcast station !!

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 09:46:32 UTC
From: Music Maker
Topic: 19889  Message: 19894

Good Morning Guys, .. Its a lovely sunny day, here in Gods Own Country !!

It sort of negates the terrible recent flooding, and the current poor state of the Amateur bands, less than a year until another Sunspot Maxima. After being active for the last 5 of the 11 year cycles, I can say that they get weaker every time !!

Enough 'small talk' - and on to my problem ... sadly, in spite of moderation being desireable on these Groups - a lot can happen in the intervening space while posts are held in cyberspace for long periods!!

A member wonders why I chose this QTH, so close to a powerful AM Transmitter..... I didn't choose it! ... Due to mobility problems, I had to move into a retirement complex, with a bungalow that was currently vacant. This was the only one in my local area.

OK.... Problem is now solved .... I wrote to Tony at Spectrum Communications UK (worth 'Googling' as they manufacture some really interesting stuff !), and got the following reply.

(As the subject may be of use to others, I have posted the Table he used and the circuit diagam of the Eliptical 5 Pole Band Filter in the Photo's section as 'Filter Table' )..............
Dear John, I presume you are still a transmitting amateur, in which case a rejector circuit would not allow you to transmit. Likewise a notch could cause trouble on harmonically related bands. What you need is a high pass filter, capable of carrying the full output of the rig anywhere in the HF band. If you want to use top band then it makes this quite a task. If you are happy with 80m and above then the design is eased considerably. Nevertheless the coils and capacitors will need to be capable of carrying the circulating RF currents. I have looked at various designs and found an ideal one. It is the 5 branch elliptic high pass filter, number 18 in the table in the ARRL handbook 1996. It has zero loss at 3.48MHz, is 49.9dB down at the attenuation floor As from 1.57MHz and down. It has an infinite attenuation pole at 1.50MHz so may even achieve as mush as 20dB more rejection at that frequency. From the table C1 is 1n5, C2 is 14.1nF, C3 is 680pF, C4 is 4.94nF, C5 is 1n8, L2 is 1.96uH and L4 is 2.28uH. Coils L2 and L4 must be well screened from each other to achieve good performance. I can manufacture such a filter but it will take some time to get the inductances right. It is quite possible they can be wound on suitably sized toroids, which helps keep coupling to a minimum. C2 can be made from 10nF + 3n9 + 220pF. C4 can be made from 4n7 + 220pF. I guess such a filter will take between 2 and 3 hours work plus parts, maybe £75, plus some P&P. Regards, Antony Nailer G4CFY. I have ordered one, at 75 GB Pounds (110 US

Dollars). Lets hope that is my problem sorted .... Thanks again for your time, advice, and interest 73 John (G3OBU)

[Non-text portions of this message have been removed]

# 19895. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 09:56:38 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 19895

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /Elliptic filters.jpg
Uploaded by : musicmakerg3obu <jhaddleton@...>
Description : A Eliptical 5 Branch High Pass Filter - Circuit, Graphs and Component Values

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/Elliptic%20filters.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

musicmakerg3obu <jhaddleton@...>

# 19896. fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 16:33:26 UTC
From: ray
Topic: 19896  Message: 19896

I just installed the fl103 filter in my 706mk2g and did'nt notice any change in audio rec in ssb. this was installed in the opt 1 or pos 1 and the turned on in the SET mode.To check further I placed rig in psk31 mode (waterfall) and noticed this rig has 2.8khz bandwidth when the filter in OFF and of course when on (w in display) no change. The narrow filter I installed in the other (opt 2 ) location works fine.So I am a bit confused....is 2.8khz normal and I don't need this filter....(has this rig been tweeked?)...should I find a 2.4khz filter to confirm my theory?...KF0AF

# 19897. Re: [ic706] fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 20:00:33 UTC
From: AG0N-3055
Topic: 19896  Message: 19897

On Mon, 23 Jul 2012 16:33:26 -0000, ray wrote:

> So I am a bit confused....is 2.8khz normal and I don't need this filter....(has this rig been tweeked?)...should I find a 2.4khz filter to confirm my theory?...KF0AF
>

You may be expecting too much. These filters don't seem to be anything like the ones I'm used to with Kenwood. If you put in a 2.8KHz filter, that is barely different from stock. I put a 1.9KHz filter in and could barely tell the difference. Luckily, I didn't pay much for it. Going rate seems to be around $60-70.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19898. Re: [ic706] fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 20:11:45 UTC
From: John
Topic: 19896  Message: 19898

The stock filter is 2.4khz, so the extra 400hz probably won't be very noticable on SSB

John AF5CC

On Mon, Jul 23, 2012 at 3:00 PM, AG0N-3055 <mcduffie@...> wrote:

> **
>
>
> On Mon, 23 Jul 2012 16:33:26 -0000, ray wrote:
>
> > So I am a bit confused....is 2.8khz normal and I don't need this
> filter....(has this rig been tweeked?)...should I find a 2.4khz filter to
> confirm my theory?...KF0AF
> >
>
> You may be expecting too much. These filters don't seem to be anything
> like the ones I'm used to with Kenwood. If you put in a 2.8KHz filter,
> that is barely different from stock. I put a 1.9KHz filter in and could
> barely tell the difference. Luckily, I didn't pay much for it. Going
> rate seems to be around $60-70.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>
>

[Non-text portions of this message have been removed]

# 19899. Re: [ic706] fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 21:17:53 UTC
From: ka9p@aol.com
Topic: 19896  Message: 19899

I agree, I've become a fan of somewhat broader receive bandwidths as a result of some commercial gear, and the newer amateur DSP stuff.

I had hoped I'd have the same listening experience with the 2.8 khz filter, but it's just not like the 3 to 3.2 khz DSP stuff, and is barely different from the stock filter, unless there is adjacent QRM, in which case you run the narrower filter anyway :)

73 Scott

In a message dated 7/23/2012 3:00:40 P.M. Central Daylight Time, mcduffie@... writes:

On Mon, 23 Jul 2012 16:33:26 -0000, ray wrote:

> So I am a bit confused....is 2.8khz normal and I don't need this filter....(has this rig been tweeked?)...should I find a 2.4khz filter to confirm my theory?...KF0AF
>

You may be expecting too much. These filters don't seem to be anything like the ones I'm used to with Kenwood. If you put in a 2.8KHz filter, that is barely different from stock. I put a 1.9KHz filter in and could barely tell the difference. Luckily, I didn't pay much for it. Going rate seems to be around $60-70.

Gary
--
_http://ag0n.net_ (http://ag0n.net/)
3055: _http://ag0n.net/irlp/3055_ (http://ag0n.net/irlp/3055)
NodeOp Help Page: _http://ag0n.net/irlp_ (http://ag0n.net/irlp)

[Non-text portions of this message have been removed]

# 19900. Re: fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 22:50:01 UTC
From: ray nickell
Topic: 19896  Message: 19900

got it...fl272 is stock...overlooked middle setting.

KF0AF

[Non-text portions of this message have been removed]

# 19901. 706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-24 04:19:02 UTC
From: Michael
Topic: 1830  Message: 19901

Hi Foxs
Is there anyone out there that has a moble mounting brkit for a icom 706 they woud like to sell? Would YOU GIVE A YELL.

# 19902. Wanted:RMK-706 separation kit.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-25 20:05:37 UTC
From: John Dolan
Topic: 19902  Message: 19902

I would like to purchase the remote kit.
If you have one for sale, Please contact me at:
johndolan55 at gmail dot com.

Thank you,

John WB4YAL

# 19903. Re: IC-706MKIIG Schematics for the -New- PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-26 20:16:44 UTC
From: KAWill
Topic: 17171  Message: 19903

The full service manual is available at the website shown below.

http://www.mods.dk/

Look in the Manuals section and find the IC-706MKIIG Service Manual that indicates REVISED June 2007. It is a zip file.

The parts list reflects the new Mitsubishi RD70 finals. You must be registered on the site which requires an email address and password.

AA6P

--- In ic706@yahoogroups.com, "Eric Sandberg" <sandberg@...> wrote:
>
> Hi all,
>
> I'm new to this forum, apologies if I commit a social blunder somehow.
>
> I have an MK2G with no HF output and suspect the Motorola finals. In reading the various posts on this forum, it seems that a) new 7044 finals might actually be available from Icom, and b) Icom changed the PA board (circa 2004?)to accommodate Mitsubishi RD70 finals. I'm still not sure that my HF problem is in the finals, but if it is I'd like to know what my options are.
>
> The Mitsubishi transistors are easily obtained, and the older, original schematics and PCB layouts for the Motorola-final MKIIG are in the service manual...but does anybody know where a guy can find the -Mitsubishi- version of the schematic for the PA board?
>
> Thanks in advance,
> Eric
> AH8AI
>

# 19904. WTB: IC-706Control Head

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 18:36:57 UTC
From: John Dolan
Topic: 19904  Message: 19904

Want to buy a working IC-706 or IC-706MkII control head unit. Need one in Working order and cosmetically good shape.
Please email: johndolan55 at gmail dot com.

73 and thanks! WB4YAL

# 19905. Re: Wanted:RMK-706 separation kit.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 18:38:40 UTC
From: John Dolan
Topic: 19902  Message: 19905

Found one.

73, John

# 19906. Using the 706 as portable

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 18:31:10 UTC
From: John
Topic: 19906  Message: 19906

I am planning to go for a trip likely to take 7-10 days. I will be stopping at motels and friends every evening, so charging the 7.5 amh battery is not a problem. It sounds as though the big problem is not completely discharging the battery when I am operating. So if I limit operations to 10 watts or less (levels 2 or 3?)for less than 2 hours and recharge every night, I should be ok. Opinions solicited.

Are there any other precautions I should take, other than buying a 703?

John / WA1JG

# 19907. Tuning hf bands without an auto-tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 20:03:33 UTC
From: John
Topic: 19907  Message: 19907

As a new owner of a 706MkIIG, I am puzzled already. My other rigs have a tune function that gives me some power to set my manual tuner for the band I am on. The instruction book says I can push the tune button for 2 seconds and I should see something but that appears to be none-functional. Is there another way short of switching to cw and going key down?

John / WA1JG

# 19908. Re: [ic706] Tuning hf bands without an auto-tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 22:36:54 UTC
From: LARRY J. FORD
Topic: 19907  Message: 19908

I have two 706s.

The "tune" function on the 706 is enabled ONLY if there is an ICOM AH-4 (or compatible) autotuner (the instruction manual explains this) OR one of the AH-4 tune "emulator" devices plugged into the 4 pin Molex connector on the back of the rig.

You can make one of the AH-4 emulator devices using one of the circuits published online if you're handy with a soldering iron.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 27 Jul 2012 06:15:33 PM EDT
From: "John" <jh.graves@verizon.net>
To: ic706@yahoogroups.com
Subject: [ic706] Tuning hf bands without an auto-tuner

> As a new owner of a 706MkIIG, I am puzzled already. My other rigs have a tune function that gives me some power to set my manual tuner for the band I am on. The instruction book says I can push the tune button for 2 seconds and I should see something but that appears to be none-functional. Is there another way short of switching to cw and going key down?
>
> John / WA1JG
>
>

# 19909. Re: [ic706] Using the 706 as portable

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 22:37:36 UTC
From: Ralph Mowery
Topic: 19906  Message: 19909

Get a bigger battery.  Before you go , give it a try from your house.  The 706 is very power hungry.  It draws an amp or more on receive and several amps on transmitt even on the lowers power setting.

--- On Fri, 7/27/12, John <jh.graves@...> wrote:

From: John <jh.graves@...t>
Subject: [ic706] Using the 706 as portable
To: ic706@yahoogroups.com
Date: Friday, July 27, 2012, 2:31 PM

I am planning to go for a trip likely to take 7-10 days.  I will be stopping at motels and friends every evening, so charging the 7.5 amh battery is not a problem.  It sounds as though the big problem is not completely discharging the battery when I am operating.  So if I limit operations to 10 watts or less (levels 2 or 3?)for less than 2 hours  and recharge every night, I should be ok. Opinions solicited.

Are there any other precautions I should take, other than buying a 703?

John / WA1JG

[Non-text portions of this message have been removed]

# 19910. Re: [ic706] Using the 706 as portable

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-27 22:46:25 UTC
From: LARRY J. FORD
Topic: 19906  Message: 19910

According to the specs for the 706, at a supply voltage of 13.8 VDC, it draws 1.5 amps on "squelched" receive and 1.7 amps on receive with "Max audio."

If the supply voltage is less than 13.8 VDC (pretty much a certainty with a battery), I would expect the receive current draw to be even higher.

A friend took a 706, an 8 AH battery, and a portable solar panel to the bottom of the Grand Canyon with the hope of operating QRP CW (5 watts). He got, as I recall, something like 45 minutes operating time before the 706 drained the 8 AH battery so low the 706 refused to operate and the portable solar panel couldn't fully recharge the battery.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 27 Jul 2012 06:39:20 PM EDT
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Using the 706 as portable

> Get a bigger battery.  Before you go , give it a try from your house.  The 706 is very power hungry.  It draws an amp or more on receive and several amps on transmitt even on the lowers power setting.
>
>
> --- On Fri, 7/27/12, John <jh.graves@verizon.net> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] Using the 706 as portable
> To: ic706@yahoogroups.com
> Date: Friday, July 27, 2012, 2:31 PM
>
>
> I am planning to go for a trip likely to take 7-10 days.  I will be stopping at motels and friends every evening, so charging the 7.5 amh battery is not a problem.  It sounds as though the big problem is not completely discharging the battery when I am operating.  So if I limit operations to 10 watts or less (levels 2 or 3?)for less than 2 hours  and recharge every night, I should be ok. Opinions solicited.
>
> Are there any other precautions I should take, other than buying a 703?
>
> John / WA1JG
>

>
>
>
> [Non-text portions of this message have been removed]
>
>

# 19911. Re: [ic706] Tuning hf bands without an auto-tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-28 02:19:14 UTC
From: Randy Allen
Topic: 19907  Message: 19911

Or, if you're lazy like me you can buy one pre-made such as the Better
RF Tune Control

http://www.betterrf.com/706-tune.html

I have one for each of my rigs for back up to my LDG IT-100
(shack/portable) or Turbo Tuner (mobile).

I used one for a year or 2 with my manual tuner in the shack until I got
the LDG unit. I was happy with it and had no problems. Switched to the
LDG as it performed better than the old manual I had. And did I mention
that I'm lazy? :-)

73

Randy

On 7/27/2012 18:36, LARRY J. FORD wrote:
> I have two 706s.
>
> The "tune" function on the 706 is enabled ONLY if there is an ICOM AH-4 (or
> compatible) autotuner (the instruction manual explains this) OR one of the
> AH-4 tune "emulator" devices plugged into the 4 pin Molex connector on the
> back of the rig.
>
> You can make one of the AH-4 emulator devices using one of the circuits
> published online if you're handy with a soldering iron.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Fri, 27 Jul 2012 06:15:33 PM EDT
> From: "John" <jh.graves@... <mailto:jh.graves%40verizon.net>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] Tuning hf bands without an auto-tuner
>
> > As a new owner of a 706MkIIG, I am puzzled already. My other rigs have a
> tune function that gives me some power to set my manual tuner for the band I
> am on. The instruction book says I can push the tune button for 2
> seconds and
> I should see something but that appears to be none-functional. Is there
> another way short of switching to cw and going key down?
> >
> > John / WA1JG

> >
> >
>
>

--
Randy Allen, KA?AZS

# 19912. Re: [ic706] Tuning hf bands without an auto-tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-28 02:53:00 UTC
From: LARRY J. FORD
Topic: 19907  Message: 19912

Randy,

I got a "store-bought" one as well, not a Better RF, but one off eBay made by another ham, which has worked quite well for several years now. Next time out, however, I'll give it a shot at not being "lazy!" (Although, usually I get right in the middle of one of those "projects" with a hot soldering iron, solder spools and parts lying about, taking twice as long as I thought it would, trying to figure out how to undo or work around the "Oops" I just created, and think "I could have just bought one of these!")

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 27 Jul 2012 10:19:29 PM EDT
From: Randy Allen <ka0azs@...>
To: ic706@yahoogroups.comCc: jh.graves@...
Subject: Re: [ic706] Tuning hf bands without an auto-tuner

> Or, if you're lazy like me you can buy one pre-made such as the Better
> RF Tune Control
>
> http://www.betterrf.com/706-tune.html
>
> I have one for each of my rigs for back up to my LDG IT-100
> (shack/portable) or Turbo Tuner (mobile).
>
> I used one for a year or 2 with my manual tuner in the shack until I got
> the LDG unit. I was happy with it and had no problems. Switched to the
> LDG as it performed better than the old manual I had. And did I mention
> that I'm lazy? :-)
>
> 73
>
> Randy
>
> On 7/27/2012 18:36, LARRY J. FORD wrote:
> > I have two 706s.
> >
> > The "tune" function on the 706 is enabled ONLY if there is an ICOM AH-4
(or
> > compatible) autotuner (the instruction manual explains this) OR one of
the
> > AH-4 tune "emulator" devices plugged into the 4 pin Molex connector on
the
> > back of the rig.

> >
> > You can make one of the AH-4 emulator devices using one of the circuits
> > published online if you're handy with a soldering iron.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Fri, 27 Jul 2012 06:15:33 PM EDT
> > From: "John" <jh.graves@... <mailto:jh.graves%40verizon.net>>
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Subject: [ic706] Tuning hf bands without an auto-tuner
> >
> > > As a new owner of a 706MkIIG, I am puzzled already. My other rigs have
a
> > tune function that gives me some power to set my manual tuner for the band
I
> > am on. The instruction book says I can push the tune button for 2
> > seconds and
> > I should see something but that appears to be none-functional. Is there
> > another way short of switching to cw and going key down?
> > >
> > > John / WA1JG
> > >
> > >
> > >
> > >
>
> --
> Randy Allen, KAØAZS
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19913. Re: [ic706] fl103 filter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-23 18:35:25 UTC
From: Larry J. Ford
Topic: 19896  Message: 19913

The bandwidth of the ICOM FL-103 filter is 2.8 kHz:
http://www.dxengineering.com/parts/ico-fl-103

What did you think it was?

Larry J. Ford
KG4GPJ

----- Original Message -----
From: ray
To: ic706@yahoogroups.com
Sent: Monday, July 23, 2012 12:33 PM
Subject: [ic706] fl103 filter

I just installed the fl103 filter in my 706mk2g and did'nt notice any change in audio rec in ssb. this was installed in the opt 1 or pos 1 and the turned on in the SET mode.To check further I placed rig in psk31 mode (waterfall) and noticed this rig has 2.8khz bandwidth when the filter in OFF and of course when on (w in display) no change. The narrow filter I installed in the other (opt 2 ) location works fine.So I am a bit confused....is 2.8khz normal and I don't need this filter....(has this rig been tweeked?)...should I find a 2.4khz filter to confirm my theory?...KF0AF

[Non-text portions of this message have been removed]

# 19914. Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-29 22:25:07 UTC
From: KAWill
Topic: 19914  Message: 19914

Have others noticed that the SWR Meter in the IC-706MKIIG may not read the same as an external SWR Meter?

I have a Bird Model 43 Wattmeter connected to the radio using about 18 inches of 50 ohm coax. When one meter shows no reflected power, the other meter typically shows more than a small amount of reflected power.

My antennas are Inverted V dipoles with the ends lowered to achieve a low SWR. One thought is that perhaps these antennas present a reactive load to the radio rather than a purely resistive 50 ohm load.

Thanks for any thoughts.

AA6P

# 19915. Re: [ic706] Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-29 23:26:58 UTC
From: Ralph Mowery
Topic: 19914  Message: 19915

Some meters will show diffearnt ammounts of swr depending on the power level.  This is normal.  As long as the swr is low (say less than 1.5 to 1), and the rig puts out the power it is suspose to , do not worry about it.

Most simple antennas will have a combination of resistance and reactance.  Even if you do manage to get one with out any reactance at 50 ohms, as soon as the frequency is changed very much, you are still back to the swr problem.

Sometimes swr meters will not read the same even if placed in the same place in the coax. They are not that accurate.

--- On Sun, 7/29/12, KAWill <kawill70@...> wrote:

From: KAWill <kawill70@gmail.com>
Subject: [ic706] Accuracy of SWR Meter
To: ic706@yahoogroups.com
Date: Sunday, July 29, 2012, 6:25 PM

Have others noticed that the SWR Meter in the IC-706MKIIG may not read the same as an external SWR Meter?

I have a Bird Model 43 Wattmeter connected to the radio using about 18 inches of 50 ohm coax.  When one meter shows no reflected power, the other meter typically shows more than a small amount of reflected power.

My antennas are Inverted V dipoles with the ends lowered to achieve a low SWR.  One thought is that perhaps these antennas present a reactive load to the radio rather than a purely resistive 50 ohm load.

Thanks for any thoughts.

AA6P

[Non-text portions of this message have been removed]

# 19916. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-30 03:06:49 UTC
From: zl1tbg
Topic: 19914  Message: 19916

There's a service menu and adjustments for this if it bothers you. beware the null adj is fragile and parts are not well rated so could have shifted cal. You need a t connector and 2 50 ohm loads to do it.

Ralph

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> Some meters will show diffearnt ammounts of swr depending on the power level.  This is normal.  As long as the swr is low (say less than 1.5 to 1), and the rig puts out the power it is suspose to , do not worry about it.
>
> Most simple antennas will have a combination of resistance and reactance.  Even if you do manage to get one with out any reactance at 50 ohms, as soon as the frequency is changed very much, you are still back to the swr problem.
>
> Sometimes swr meters will not read the same even if placed in the same place in the coax.  They are not that accurate.
>
>
> --- On Sun, 7/29/12, KAWill <kawill70@...> wrote:
>
>
> From: KAWill <kawill70@...>
> Subject: [ic706] Accuracy of SWR Meter
> To: ic706@yahoogroups.com
> Date: Sunday, July 29, 2012, 6:25 PM
>
>
> Have others noticed that the SWR Meter in the IC-706MKIIG may not read the same as an external SWR Meter?
>
> I have a Bird Model 43 Wattmeter connected to the radio using about 18 inches of 50 ohm coax.  When one meter shows no reflected power, the other meter typically shows more than a small amount of reflected power.
>
> My antennas are Inverted V dipoles with the ends lowered to achieve a low SWR.  One thought is that perhaps these antennas present a reactive load to the radio rather than a purely resistive 50 ohm load.
>
> Thanks for any thoughts.
>
> AA6P
>
>

> [Non-text portions of this message have been removed]
>

# 19917. Re: [ic706] Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-30 03:37:22 UTC
From: Wayne Bowyer
Topic: 19914  Message: 19917

I've had my 706G for probably 11 yrs. I've never considered any of it's meter readings to be extremely accurate and really haven't worried about it. I consider them to be basically "relative" readings. I've never had a mobile radio with really accurate meters. I've used a MFJ-259 for adjusting mobile and fixed antennas and for grins I double checked it's results with an Anritsu 331D sweep gear as well with a Bird 4304, (When I was still working in the wireless industry) The 706, 259B, Bird and the Anritsu were all close enough for "government work" as we used to say. The 706 and 259 weren't accurate enough for lab purposes but more than accurate enough for amateur work. I even took the 259B with me to South Sudan in 2005 to aid in tuning up a 500' long rhombic we built for 6 mhz. It did the job nicely. So now I use my 706 at home in conjunction with the AH4 wire tuner. I have a vswr meter in line as well and the rig's meter agrees with it.

73's
Wayne
n4eyz

On Sun, Jul 29, 2012 at 7:26 PM, Ralph Mowery <ku4pt@...> wrote:

> **
>
>
> Some meters will show diffearnt ammounts of swr depending on the power
> level. This is normal. As long as the swr is low (say less than 1.5 to
> 1), and the rig puts out the power it is suspose to , do not worry about
> it.
>
> Most simple antennas will have a combination of resistance and reactance.
> Even if you do manage to get one with out any reactance at 50 ohms, as soon
> as the frequency is changed very much, you are still back to the swr
> problem.
>
> Sometimes swr meters will not read the same even if placed in the same
> place in the coax. They are not that accurate.
>
> --- On Sun, 7/29/12, KAWill <kawill70@...> wrote:
>
> From: KAWill <kawill70@...>
> Subject: [ic706] Accuracy of SWR Meter
> To: ic706@yahoogroups.com
> Date: Sunday, July 29, 2012, 6:25 PM
>
> Have others noticed that the SWR Meter in the IC-706MKIIG may not read the
> same as an external SWR Meter?
>

> I have a Bird Model 43 Wattmeter connected to the radio using about 18
> inches of 50 ohm coax. When one meter shows no reflected power, the other
> meter typically shows more than a small amount of reflected power.
>
> My antennas are Inverted V dipoles with the ends lowered to achieve a low
> SWR. One thought is that perhaps these antennas present a reactive load to
> the radio rather than a purely resistive 50 ohm load.
>
> Thanks for any thoughts.
>
> AA6P
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19918. RE: EXTERNAL: [ic706] Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-30 14:46:46 UTC
From: Lefczik, Larry D
Topic: 19914  Message: 19918

Are you saying one meter shows !:! and another shows 1.5:1? How much difference?

As you may know, the SWR reading can vary along a transmission line if there is any SWR. Have you tried comparing with different jumper lengths to the rig? Have you compared with a 50 Ohm Dummy load? Have you compared on different bands?

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of KAWill
Sent: Sunday, July 29, 2012 6:25 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: [ic706] Accuracy of SWR Meter

Have others noticed that the SWR Meter in the IC-706MKIIG may not read the same as an external SWR Meter?

I have a Bird Model 43 Wattmeter connected to the radio using about 18 inches of 50 ohm coax. When one meter shows no reflected power, the other meter typically shows more than a small amount of reflected power.

My antennas are Inverted V dipoles with the ends lowered to achieve a low SWR. One thought is that perhaps these antennas present a reactive load to the radio rather than a purely resistive 50 ohm load.

Thanks for any thoughts.

AA6P

---

Yahoo! Groups Links

# 19919. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-30 19:08:52 UTC
From: KAWill
Topic: 19914  Message: 19919

Thanks all for your help on the SWR readings.

I think part of the problem is the resolution of the IC-706 SWR Meter which is a fairly coarse bar graph. It appears to only provide readings such as 1:1, 1.25:1, 1.5:1, 1.75:1, and 2:1. Above 2:1 the steps are even larger.

The readings provided by the Bird Model 43 do not vary a great deal but it is noticeable. I have not studied the differences in detail or with a dummy load. Perhaps the length of the coax to the meter is a factor when there is reflected power in the line.

My guess is that the sensing circuit in the IC-706 is not as precise as the circuit in the Bird 43. It's also possible that the IC-706 is off somewhat from 50 ohms. I believe in both cases the circuit is attempting to measure reflected power.

That brings up an interesting question. I wonder what happens if the impedance at the end of the feed line is 50 ohms but that impedance is not purely resistive.

One other concern might be that the IC-706 reduces power above a certain threshold which may not be entirely accurate.

# 19920. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-30 21:18:18 UTC
From: Ralph Mowery
Topic: 19914  Message: 19920

You did not say what the differance in the SWR is between the two.

Almost all antennas will have some reactance in them, especially if used over a range of frequencies.  The resistance and reactance sort of add together to give an impedance.  More complicated than I care to go into in a short message.  If you have a resistance of 50 ohms and a reactance of 20 ohms, the swr will not show up as 1:1, but another value.  If the impedance is 50 ohms, but some of it is reactive, the risistance part of the antenna will not be 50 ohms, but another value.

The 706 does reduce the power as the swr goes up.  That is why an external tuner of some sorts must be used on many antennas.  One that does not usually need a tuner , but is adustiable such as the mobile screwdriver types.

--- On Mon, 7/30/12, KAWill <kawill70@...> wrote:

From: KAWill <kawill70@...>
Subject: [ic706] Re: Accuracy of SWR Meter
To: ic706@yahoogroups.com
Date: Monday, July 30, 2012, 3:08 PM

Thanks all for your help on the SWR readings.

I think part of the problem is the resolution of the IC-706 SWR Meter which is a fairly coarse bar graph.  It appears to only provide readings such as 1:1, 1.25:1, 1.5:1, 1.75:1, and 2:1.  Above 2:1 the steps are even larger.

The readings provided by the Bird Model 43 do not vary a great deal but it is noticeable. I have not studied the differences in detail or with a dummy load.  Perhaps the length of the coax to the meter is a factor when there is reflected power in the line.

My guess is that the sensing circuit in the IC-706 is not as precise as the circuit in the Bird 43.  It's also possible that the IC-706 is off somewhat from 50 ohms.  I believe in both cases the circuit is attempting to measure reflected power.

That brings up an interesting question.  I wonder what happens if the impedance at the end of the feed line is 50 ohms but that impedance is not purely resistive.

One other concern might be that the IC-706 reduces power above a certain threshold which may not be entirely accurate.

[Non-text portions of this message have been removed]

# 19921. Re: EXTERNAL: [ic706] Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 15:18:08 UTC
From: Tom Root
Topic: 19914  Message: 19921

I generally get slightly differed SWR readings on all my SWR meters..as long as they are relatively close, I don't worry about it..I guess I've come to view and accept both my IC706MKIIGs as essentially multi-band transceivers, rather than Bird watt-meters..when I want the most accurate numbers I can get, I use the best meter(s) to which I have access..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 19922. Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 15:23:00 UTC
From: Jeffrey Schwartz
Topic: 19922  Message: 19922

I wrote a while back about occasional resets of memory on my IC-706 Original.

I've been keeping a track of when it does it, and I think I discovered
a pattern:
Weather in the 90's, followed by a drop to the 70's with heavy rain.

I'm half wondering if there's the possibility of condensation on a
trace shorting something, which dumps memory?

# 19923. Re: Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 18:50:37 UTC
From: voip10
Topic: 19922  Message: 19923

Could it possibly be the other way round? Temp in the 70's allowing the rig to cool down, then warmer humid air coming along and resulting in condensation. I used to have condensation on most of my larger metal tools in the shed whenever warm, humid weather followed cold. Then I bought a mains powered dehumidifier and the problem went away.

--- In ic706@yahoogroups.com, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>
> I wrote a while back about occasional resets of memory on my IC-706 Original.
>
> I've been keeping a track of when it does it, and I think I discovered
> a pattern:
> Weather in the 90's, followed by a drop to the 70's with heavy rain.
>
> I'm half wondering if there's the possibility of condensation on a
> trace shorting something, which dumps memory?
>

# 19924. Re: [ic706] Re: Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 18:55:30 UTC
From: Jeffrey Schwartz
Topic: 19922  Message: 19924

Yeah, like that.

Night time temps around 73.
90+ for a daytime high, with increasing humidity
Then the afternoon storm breaks, and the temp drops to about 75 in the
space of a half-hour or so.

A mains powered dehumidifier would be just the thing.... except this
radio is mobile-mounted.
I'm not sure I have an extension cord long enough. HIHI

I thought about one of those chemical desiccant things, but I have
this feeling it wouldn't last long.

On Tue, Jul 31, 2012 at 2:50 PM, voip10 <voip10@...> wrote:
> Could it possibly be the other way round? Temp in the 70's allowing the rig to cool down, then warmer humid air coming along and resulting in condensation. I used to have condensation on most of my larger metal tools in the shed whenever warm, humid weather followed cold. Then I bought a mains powered dehumidifier and the problem went away.
>
>
> --- In ic706@yahoogroups.com, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:
>>
>> I wrote a while back about occasional resets of memory on my IC-706 Original.
>>
>> I've been keeping a track of when it does it, and I think I discovered
>> a pattern:
>> Weather in the 90's, followed by a drop to the 70's with heavy rain.
>>
>> I'm half wondering if there's the possibility of condensation on a
>> trace shorting something, which dumps memory?
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 19925. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 20:37:42 UTC
From: KAWill
Topic: 19914  Message: 19925

Thanks again to everyone for your help. I ran a few tests today using my 20 meter Inverted V dipole with W2AU balun at the center. The ends were lowered last year to minimize the SWR which turned out much lower than expected. The antenna appears to be resonant at the low end of the band right now with the ground very dry.

There is a modest difference in the SWR readings between the IC-706MKIIG and the Bird 43. The Bird 43 shows reflected power in Watts which is converted to SWR using a formula or chart. Tests started with 18" of coax between the IC-706 and the Bird 43.

I ran tests from 14005 Khz to 14345 Khz. Reflected power on the Bird 43 started at about 0.2 watts (1.1:1) at 14005 Khz and slowly increased all the way to 4.5 watts (1.54:1) at 14345 Khz.

The IC-706 showed 1:1 at all frequencies except 14005 Khz where it indicated 1.25:1.

I then added 31" of coax using a double female barrel connector to the end of the feedline. Surprisingly, the reflected power indicated on the Bird 43 declined quite a bit. It started out at essentially zero watts (1:1) at 14005 Khz and was only 1 watt (1.22:1) at 14345 Khz. I just repeated the test and the numbers are correct.

The readings on the IC-706 showed 1.25:1 at both ends of the band and 1:1 at 14100 Khz.

In the final test I removed the 31" of coax and added it to the 18" section of coax between the IC-706 and Bird 43.

Readings on the Bird 43 started out at 0.5 watts (1.15:1) at 14005 Khz and rose to 4.5 watts (1.54:1) at 14345 Khz. The readings on the IC-706 showed 1.25:1 at both ends of the band and 1:1 at 14100 Khz.

In conclusion, there are noticeable differences between the two SWR meters. The differences are not great but somewhat higher than expected. In one case the difference was 1.54:1 versus 1:1.

It is interesting that adding 31" of coax resulted in noticeable changes in the last two tests.

73, Kent

AA6P

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> You did not say what the differance in the SWR is between the two.
>
> Almost all antennas will have some reactance in them, especially if used over a range of frequencies.  The resistance and reactance sort of add together to give an impedance.  More complicated than I care to go into in a short message.  If you have a resistance of 50 ohms and a reactance of 20 ohms, the swr will not show up as 1:1, but another value.  If the

impedance is 50 ohms, but some of it is reactive, the risistance part of the antenna will not be 50 ohms, but another value.
>
>
> The 706 does reduce the power as the swr goes up.  That is why an external tuner of some sorts must be used on many antennas.  One that does not usually need a tuner , but is adustiable such as the mobile screwdriver types.
>

# 19926. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 21:18:27 UTC
From: Ralph Mowery
Topic: 19914  Message: 19926

The swr seems close enough not to worry about.  When you get below about 1.5 to 1 on the Icom, that is all you need.
Also did you change the slug on the Bird ?  Most of the time to get an accurate reading, you need to put in a slug that the full scale is about 10 times less than the one that you are using for the forward power..  That is if you put in a 100 watt slug and are showing almost 70 to 100 watts on that slug, you need to put in a 10 watt or less slug in for the reverse power.
While the Bird is a good meter to use in the field, it is not all that accurate over the full range of the slug.  If you have a 100 watt slug, it could be off 2 to 5 watts on the low end and that would make the swr show up with several tenths of differance.

--- On Tue, 7/31/12, KAWill <kawill70@...> wrote:

From: KAWill <kawill70@...>
Subject: [ic706] Re: Accuracy of SWR Meter
To: ic706@yahoogroups.com
Date: Tuesday, July 31, 2012, 4:37 PM

Thanks again to everyone for your help.  I ran a few tests today using my 20 meter Inverted V dipole with W2AU balun at the center.  The ends were lowered last year to minimize the SWR which turned out much lower than expected.  The antenna appears to be resonant at the low end of the band right now with the ground very dry.

There is a modest difference in the SWR readings between the IC-706MKIIG and the Bird 43. The Bird 43 shows reflected power in Watts which is converted to SWR using a formula or chart. Tests started with 18" of coax between the IC-706 and the Bird 43.

I ran tests from 14005 Khz to 14345 Khz.  Reflected power on the Bird 43 started at about 0.2 watts (1.1:1) at 14005 Khz and slowly increased all the way to 4.5 watts (1.54:1) at 14345 Khz.

The IC-706 showed 1:1 at all frequencies except 14005 Khz where it indicated 1.25:1.

I then added 31" of coax using a double female barrel connector to the end of the feedline.  Surprisingly, the reflected power indicated on the Bird 43 declined quite a bit.  It started out at essentially zero watts (1:1) at 14005 Khz and was only 1 watt (1.22:1) at 14345 Khz.  I just repeated the test and the numbers are correct.

The readings on the IC-706 showed 1.25:1 at both ends of the band and 1:1 at 14100 Khz.

In the final test I removed the 31" of coax and added it to the 18" section of coax between the IC-706 and Bird 43.

Readings on the Bird 43 started out at 0.5 watts (1.15:1) at 14005 Khz and rose to 4.5 watts (1.54:1) at 14345 Khz.  The readings on the IC-706 showed 1.25:1 at both ends of the band and 1:1 at 14100 Khz.

In conclusion, there are noticeable differences between the two SWR meters.  The differences are not great but somewhat higher than expected. In one case the difference was 1.54:1 versus 1:1.

It is interesting that adding 31" of coax resulted in noticeable changes in the last two tests.

73,  Kent

AA6P

[Non-text portions of this message have been removed]

# 19927. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 01:29:37 UTC
From: AG0N-3055
Topic: 19914  Message: 19927

On Tue, 31 Jul 2012 14:18:27 -0700 (PDT), Ralph Mowery wrote:

> Also did you change the slug on the Bird ?  Most of the time to get an accurate
> reading, you need to put in a slug that the full scale is about 10 times less than
> the one that you are using for the forward power..  That is if you put in a 100
> watt slug and are showing almost 70 to 100 watts on that slug, you need to put in
> a 10 watt or less slug in for the reverse power.

Careful. I learned the hard way about this. Do NOT exceed 10 times the forward power rating of the slug for your reflected measurement. This comes straight from Bird. If your forward power exceeds 10 times the rating of the slug used for checking reflected power, you can and will damage the slug components themselves. Been there, done it. And, even at 1/10th, keep the measurement period brief.

> While the Bird is a good meter to use in the field, it is not all that accurate
> over the full range of the slug.  If you have a 100 watt slug, it could be off 2
> to 5 watts on the low end and that would make the swr show up with several tenths
> of differance.

Accuracy of the Bird 43 element is 5% of FULL SCALE, no matter what power you are measuring. If you have a 100W slug, the accuracy is plus or minus 5 watts, whether you are measuring 100 or 25 watts. Always use the lowest power slug you can without pegging for the most accurate reading. I've never seen that drastic an error, but that's what they are rated. Try to get the meter as high as possible without pegging for accuracy.

Gary
--
Web: http://ag0n.com
NodeOp Page: http://ag0n.com/irlp
Node 3055: http://ag0n.com/irlp/3055

# 19928. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 04:04:09 UTC
From: KAWill
Topic: 19914  Message: 19928

Thanks Ralph and Gary for your comments on the Bird 43 Wattmeter.

I only have the 100 Watt Slug for HF. It sounds as though my reflected power readings would not have been very accurate. The first marking on the scale represents 2 watts and I was doing my best to estimate all of the reflected power readings.

If the meter's accuracy is 5% of the full scale power, then even the 2 watt marking would not be very accurate. However, I wonder if that 5% (5 watts) really applies at the very low end.

That's great to know about the 10X maximum power rating on the Slug.

AA6P

# 19929. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 04:15:40 UTC
From: AG0N-3055
Topic: 19914  Message: 19929

On Wed, 01 Aug 2012 04:04:09 -0000, KAWill wrote:

> If the meter's accuracy is 5% of the full scale power, then even the 2 watt marking would not be very accurate. However, I wonder if that 5% (5 watts) really applies at the very low end.

That's their point. Keep the meter as high as it will go if you want to
measure the power. Even then, you have to take reactance into account.
It is only accurate at 50 ohms resistive. I.E. dummy load.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 19930. Re: [ic706] Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-07-31 16:07:33 UTC
From: Florence Selvestian
Topic: 19922  Message: 19930

Hi,
My set doesn't switch 'on'. Each time i press the power, i could hear a relay or switching sound. Any idea?

Regards
Florence Selvestian
9W6AI

--- On Tue, 7/31/12, Jeffrey Schwartz <schwartz.jeffrey@...> wrote:

From: Jeffrey Schwartz <schwartz.jeffrey@...>
Subject: [ic706] Humidity issues with memory and reset?
To: ic706@yahoogroups.com
Date: Tuesday, July 31, 2012, 8:23 AM

I wrote a while back about occasional resets of memory on my IC-706 Original.

I've been keeping a track of when it does it, and I think I discovered
a pattern:
Weather in the 90's, followed by a drop to the 70's with heavy rain.

I'm half wondering if there's the possibility of condensation on a
trace shorting something, which dumps memory?

[Non-text portions of this message have been removed]

# 19931. Switch on is only click-click Re: [ic706] Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 12:18:09 UTC
From: Jeffrey Schwartz
Topic: 19931  Message: 19931

On Tue, Jul 31, 2012 at 12:07 PM, Florence Selvestian
<selvestianf@...> wrote:
> Hi,
> My set doesn't switch 'on'. Each time i press the power, i could hear a relay or switching sound. Any idea?
>
> Regards
> Florence Selvestian
> 9W6AI
>

I've experienced this one
Open the case, there's a fuse inside, toward the back.
When it's loose, you get those symptoms.
Check the fuse, make sure it's good, then re-seat the fuse in the clips.

# 19932. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 17:01:27 UTC
From: Harry Herr, W6HH
Topic: 19914  Message: 19932

For those that want a precise measurement of SWR, R, Z, etc. why don't
you get something like the LP-100A?

Harry
On 07/30/12 14:08, KAWill wrote:
>
> Thanks all for your help on the SWR readings.
>
> I think part of the problem is the resolution of the IC-706 SWR Meter which is a fairly coarse bar graph. It appears to only provide readings such as 1:1, 1.25:1, 1.5:1, 1.75:1, and 2:1. Above 2:1 the steps are even larger.
>
> The readings provided by the Bird Model 43 do not vary a great deal but it is noticeable. I have not studied the differences in detail or with a dummy load. Perhaps the length of the coax to the meter is a factor when there is reflected power in the line.
>
> My guess is that the sensing circuit in the IC-706 is not as precise as the circuit in the Bird 43. It's also possible that the IC-706 is off somewhat from 50 ohms. I believe in both cases the circuit is attempting to measure reflected power.
>
> That brings up an interesting question. I wonder what happens if the impedance at the end of the feed line is 50 ohms but that impedance is not purely resistive.
>
> One other concern might be that the IC-706 reduces power above a certain threshold which may not be entirely accurate.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19933. Re: [ic706] Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 17:44:44 UTC
From: Ralph Mowery
Topic: 19914  Message: 19933

Looking at the specs , this unit does not seem to be all that accurate either.  It specs 5% but does not refferance it as to the reading or full scale or what.

It shows 49.9 db of return loss, but the specs show the coupler is only rated for 30 to 40 db of directivity.  That means it shows atleast 10 db more on the display than where it can be accurate.

While I am sure the LP-100A is a nice unit, the displayed value accuracy is still not all that great.  When you have a digital radout to two decimal places, that means you need to have a percision of atleast that much if not more to be accurate.

The average ham does not need to worry all that much about the SWR anyway.  As long as it is below about 1.5 to 1 most rigs will handle this without any problems.  If greater than 1.5 to 1 then eitehr an internal or external tuner will take care of that.  Just adust the tuner for the lowest SWR and don't worry about the exect value.

--- On Wed, 8/1/12, Harry Herr, W6HH <w6hh@...> wrote:

From: Harry Herr, W6HH <w6hh@...>
Subject: Re: [ic706] Re: Accuracy of SWR Meter
To: ic706@yahoogroups.com
Date: Wednesday, August 1, 2012, 1:01 PM

For those that want a precise measurement of SWR, R, Z, etc. why don't
you get something like the LP-100A?

[Non-text portions of this message have been removed]

# 19934. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 18:08:06 UTC
From: KAWill
Topic: 19914  Message: 19934

Re: "That's their point. Keep the meter as high as it will go if you want to measure the power."

I agree that the higher readings on a Bird Wattmeter will be more accurate. However, I really question whether 5% of the full scale reading applies at the low end.

In my case, that would mean that the 2 watt mark would be 2 watts plus or minus 5 watts. That would calculate to be -3 watts to +7 watts and those numbers just don't seem realistic.

On the positive side, my tests still seem reasonably valid. Even if the low reflected wattage readings were off in terms of the exact reflected power, one can still see the trend of the SWR versus frequency and also determine the low point.

AA6P

# 19935. Re: Accuracy of SWR Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 18:21:13 UTC
From: johndolan55@gmail.com
Topic: 19914  Message: 19935

I dont get the point of all this. I guess my swr ADD has not kicked in.

Sent from my iPhone

# 19936. IC-706 MKII and accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 21:44:40 UTC
From: K4GM-George
Topic: 19936  Message: 19936

I am thinning the herd and the following is now surplus to me:

Icom 706 MKII with microphone in excellent working condition and very good cosmetic shape but does have a few scratches: $575

OPC-581 extension cable: $35
MB63 and MB65 mounting base and bracket: $60
MB62 mobile mounting bracket: $30

PS-125 P/S: $225
SP-20 Speaker/audio filter $125
SP-21 Speaker : $80

Buyer pays shipping from zip 22554. Please contact me direct off list.

73, George K4GM

# 19937. Re: Switch on is only click-click Re: [ic706] Humidity issues with memory and reset?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-01 12:37:40 UTC
From: Florence Selvestian
Topic: 19931  Message: 19937

Thanks Jeffrey. I will do just that and then get back to you.

Regards
Florence Selvestian

--- On Wed, 8/1/12, Jeffrey Schwartz <schwartz.jeffrey@gmail.com> wrote:

From: Jeffrey Schwartz <schwartz.jeffrey@...>
Subject: Switch on is only click-click Re: [ic706] Humidity issues with memory and reset?
To: ic706@yahoogroups.com
Date: Wednesday, August 1, 2012, 5:18 AM

On Tue, Jul 31, 2012 at 12:07 PM, Florence Selvestian
<selvestianf@...> wrote:
> Hi,
> My set doesn't switch 'on'. Each time i press the power, i could hear a relay or
switching sound. Any idea?
>
> Regards
> Florence Selvestian
> 9W6AI
>

I've experienced this one
Open the case, there's a fuse inside, toward the back.
When it's loose, you get those symptoms.
Check the fuse, make sure it's good, then re-seat the fuse in the clips.

[Non-text portions of this message have been removed]

# 19938. Mounting bracket for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-03 07:33:23 UTC
From: Michael
Topic: 19938  Message: 19938

Hi Name here is ~mike N1UHR.
Anyone have a bracket for a 706 that would sell. ~Need one but dont wont to pay 50 bucks for new one. Bought radio secoun hand and did not get one. Thanks

# 19939. Re: head unit ribbon connector

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-03 10:37:14 UTC
From: one1watt
Topic: 19939  Message: 19939

Hi People's

Can anyone point me towards a replacement ribbon cable for my 706.
It connects the rf controls to the pcb.
It's a months wait from icom and I don't really want to hard wire.
Spacing between track connections is vy small. About 0.1-.2mm I think and 13 connections.
Overall length I'm guessing as its not with me is about 75mm(3")approx.
Many Thanks
Chris
G1rpo

# 19940. 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 04:08:58 UTC
From: n4eyz
Topic: 19940  Message: 19940

When I press the power button on my 706G I get the standard click of the internal relay but no power up. Display is dead. Relay clicks in and then out a moment later. I have not pulled covers yet but probably will later in the weekend. Any ideas before I start wrenching?

Wayne
n4eyz

# 19941. Re: 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 14:25:38 UTC
From: Bob MacDonnell
Topic: 19940  Message: 19941

Pull the top? cover and check the 4A 3AG fuse found near the rear of the set.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
> When I press the power button on my 706G I get the standard click of the internal relay but no power up. Display is dead. Relay clicks in and then out a moment later. I have not pulled covers yet but probably will later in the weekend. Any ideas before I start wrenching?
>
> Wayne
> n4eyz
>

# 19942. Re: head unit ribbon connector

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 14:30:55 UTC
From: Bob MacDonnell
Topic: 19939  Message: 19942

You might send an email to:
Matt Adrian <sarts@...>

He runs a good ICOM repair facility in the US.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "one1watt" <c.reed662@...> wrote:
>
> Hi People's
>
> Can anyone point me towards a replacement ribbon cable for my 706.
> It connects the rf controls to the pcb.
> It's a months wait from icom and I don't really want to hard wire.
> Spacing between track connections is vy small. About 0.1-.2mm I think and 13 connections.
Overall length I'm guessing as its not with me is about 75mm(3")approx.
> Many Thanks
> Chris
> G1rpo
>

# 19943. Re: [ic706] Re: 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 14:34:27 UTC
From: Jack
Topic: 19940  Message: 19943

clean the contacts between the head and the radio use a pencil eraser or
contact cleaner, if that does not do it open the radio and loosen then re
tighten ALL of the internal screws.
Contact path in this radio has been a reported problem for years. go into
the web part of this yahoo group and you can search the posted messages on
this and there is a huge amount of information there.
Also you can join the 706MIIG group

Jack N6UYB

-----Original Message-----
From: Bob MacDonnell
Sent: Saturday, August 04, 2012 10:25 AM
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706G won't power on?

Pull the top? cover and check the 4A 3AG fuse found near the rear of the
set.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
> When I press the power button on my 706G I get the standard click of the
> internal relay but no power up. Display is dead. Relay clicks in and then
> out a moment later. I have not pulled covers yet but probably will later
> in the weekend. Any ideas before I start wrenching?
>
> Wayne
> n4eyz
>

---

Yahoo! Groups Links

# 19944. Re: [ic706] 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 12:01:41 UTC
From: bruce.clements@sympatico.ca
Topic: 19940  Message: 19944

I had the same issue. It was the 5 volt regulator.
It's located on the PLL brd to the right of a large capacitor.

Bruce
Ve3bv

Sent from my Apple Gizmo

On 2012-08-04, at 12:09 AM, "n4eyz" <wayne.bowyer@...> wrote:

> When I press the power button on my 706G I get the standard click of the internal relay but no power up. Display is dead. Relay clicks in and then out a moment later. I have not pulled covers yet but probably will later in the weekend. Any ideas before I start wrenching?
>
> Wayne
> n4eyz
>
>

[Non-text portions of this message have been removed]

# 19945. Re: [ic706] Mounting bracket for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-03 20:11:45 UTC
From: Ryan, KB8RCR
Topic: 19938  Message: 19945

Check ebay. I have found many (and bought a few too) brackets on there, and never paid over $30 and that included shipping.

Ryan KB8RCR

From: Michael
Sent: Friday, August 03, 2012 3:33 AM
To: ic706@yahoogroups.com
Subject: [ic706] Mounting bracket for 706

Hi Name here is ~mike N1UHR.
Anyone have a bracket for a 706 that would sell. ~Need one but dont wont to pay 50 bucks for new one. Bought radio secoun hand and did not get one. Thanks

[Non-text portions of this message have been removed]

# 19946. Re: [ic706] 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 20:43:03 UTC
From: Ralph Mowery
Topic: 19940  Message: 19946

YOu may want to look at this.

http://www.n1eq.com/tech/page_03.html

I have one this hapened to twice.  Sent it off to one place and it came back in a few days and worked over a year.  Then about 6 months ago I sent it to Matt and it came back  and has been working fine.  I think it was a diode and a resistor that was replaced.  Also the circuit board needed repairing for corossion the last time.

--- On Sat, 8/4/12, n4eyz <wayne.bowyer@...> wrote:

From: n4eyz <wayne.bowyer@...>
Subject: [ic706] 706G won't power on?
To: ic706@yahoogroups.com
Date: Saturday, August 4, 2012, 12:08 AM

When I press the power button on my 706G I get the standard click of the internal relay but no power up. Display is dead. Relay clicks in and then out a moment later. I have not pulled covers yet but probably will later in the weekend. Any ideas before I start wrenching?

Wayne
n4eyz

[Non-text portions of this message have been removed]

# 19947. Re: [ic706] 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-04 23:44:29 UTC
From: Wayne Bowyer
Topic: 19940  Message: 19947

I know N1EQ's work well. He repaired this 706 last summer about this same time when lightning got it. Did good work and he's very fair.
Well I had made the assumption my PS was good and it was--13.89 at the rig. The fuse on the PA board is good as well. Also checked and cleaned the contacts between the Mars Lander and the Mother Ship. Still no-go. Get a "click" from a internal relay(?) and then a slight "click" as it changes state again. No other signs of life. There was an electrical storm that came thru yesterday afternoon and I had disconnected both coax cables. *But *I did not disconnect the AH4 control cable. I suppose something could have gotten in on that line. My next step will be to check for the corrosion issue noted above. Might start on that tomorrow afternoon. I will update you guys on what I find. Many thanks for all the help so far!!

73's
Wayne
N4EYZ

On Sat, Aug 4, 2012 at 4:43 PM, Ralph Mowery <ku4pt@...> wrote:

> **
>
>
> YOu may want to look at this.
>
> http://www.n1eq.com/tech/page_03.html
>
> I have one this hapened to twice. Sent it off to one place and it came
> back in a few days and worked over a year. Then about 6 months ago I sent
> it to Matt and it came back and has been working fine. I think it was a
> diode and a resistor that was replaced. Also the circuit board needed
> repairing for corossion the last time.
>
> --- On Sat, 8/4/12, n4eyz <wayne.bowyer@gmail.com> wrote:
>
> From: n4eyz <wayne.bowyer@...>
> Subject: [ic706] 706G won't power on?
> To: ic706@yahoogroups.com
> Date: Saturday, August 4, 2012, 12:08 AM
>
> When I press the power button on my 706G I get the standard click of the
> internal relay but no power up. Display is dead. Relay clicks in and then
> out a moment later. I have not pulled covers yet but probably will later in
> the weekend. Any ideas before I start wrenching?
>
> Wayne
> n4eyz

>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19948. Re: head unit ribbon connector

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-05 19:23:39 UTC
From: John Levo
Topic: 19939  Message: 19948

On Monday I dropped two rigs off to Matt for estimates/repair due to storm and heat damage. He told me the rash of storm activity has put him about three weeks behind.

I've heard nothing but good reports about his work and prices.

John, WA8KIW

[Non-text portions of this message have been removed]

# 19949. Re: [ic706] 706G won't power on?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 02:18:49 UTC
From: Florence Selvestian
Topic: 19940  Message: 19949

Hi Wayne,
I am having exactly the same problem. I someone asked me to look at the fuse holder. it could be a loose connection. I haven't had the time to look at my 706 yet. Why don't you try that.

Regards
Florence Selvestian

--- On Fri, 8/3/12, n4eyz <wayne.bowyer@...> wrote:

From: n4eyz <wayne.bowyer@...>
Subject: [ic706] 706G won't power on?
To: ic706@yahoogroups.com
Date: Friday, August 3, 2012, 9:08 PM

When I press the power button on my 706G I get the standard click of the internal relay but no power up. Display is dead. Relay clicks in and then out a moment later. I have not pulled covers yet but probably will later in the weekend. Any ideas before I start wrenching?

Wayne
n4eyz

[Non-text portions of this message have been removed]

# 19950. Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-05 16:05:51 UTC
From: cpitcher@verizon.net
Topic: 19950  Message: 19950

Hello,

I have just joined the group, so please indulge me if this topic has been hashed to death before.

I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.

I have made sure the power setting is set to "H", but it is only putting out about half of what it should.

I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.

Thanks,

Craig
W6ADV

# 19951. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 17:25:18 UTC
From: Deacon Dave
Topic: 19950  Message: 19951

How is the radio loaded? Antenna? Dummy Load? Antenna Tuner? etc.

The design reduces power output if the VSWR in the antenna system is above 1.5:1 This is to protect the finals.

How are you measuring the output power? calibrated wattmeter properly terminated in 50 ohms; or, the Po display?

We need a little more info. I suspect the radio is fine and that the VSWR is slightly high.

----- Original Message -----
From: cpitcher@...
To: ic706@yahoogroups.com
Sent: Sunday, August 05, 2012 12:05 PM
Subject: [ic706] Low Power Output

Hello,

I have just joined the group, so please indulge me if this topic has been hashed to death before.

I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.

I have made sure the power setting is set to "H", but it is only putting out about half of what it should.

I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.

Thanks,

Craig
W6ADV

[Non-text portions of this message have been removed]

# 19952. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 22:44:44 UTC
From: Mike Rodgers
Topic: 19950  Message: 19952

Is that in cw,fm,rtty or ssb?

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Aug 5, 2012, at 11:05 AM, "cpitcher@..." <cpitcher@...> wrote:

> Hello,
>
> I have just joined the group, so please indulge me if this topic has been hashed to death before.
>
> I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.
>
> I have made sure the power setting is set to "H", but it is only putting out about half of what it should.
>
> I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.
>
> Thanks,
>
> Craig
> W6ADV
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 19953. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 16:32:07 UTC
From: Hal Dale
Topic: 19950  Message: 19953

*If not checking the power into a dummy load, do so....The 706 will fold back quickly if you just a little reflected. Hal
*
On Sun, Aug 5, 2012 at 12:05 PM, cpitcher@...
<cpitcher@...>wrote:

> **
>
>
> Hello,
>
> I have just joined the group, so please indulge me if this topic has been
> hashed to death before.
>
> I recently picked up a IC-706MkIIG used, and after going through all the
> setting found that the power ouput on HF SSB is only 50-60 watts.
>
> I have made sure the power setting is set to "H", but it is only putting
> out about half of what it should.
>
> I heard somewhere that ICOM no longer has parts for the 706, but I wanted
> to inquire who might be able to repair this radio at a reasonable cost. I'm
> in NOCAL.
>
> Thanks,
>
> Craig
> W6ADV
>
>
>

--

*CW.....When all else fails...*

[Non-text portions of this message have been removed]

# 19954. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 17:50:03 UTC
From: KHLT
Topic: 19950  Message: 19954

What's the power reading on CW or RTTY on High?? Also what's your SWR?

I noticed that unless you've got the comp set high (I tend to use an old Adonis 503) that the SSB is quite low, with high compression on it peaks up to 100w quite nicely. SWR though could be lowering the power to protect the outputs??

Kymmy

On 05/08/2012 17:05, cpitcher@... wrote:
> Hello,
>
> I have just joined the group, so please indulge me if this topic has been hashed to death before.
>
> I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.
>
> I have made sure the power setting is set to "H", but it is only putting out about half of what it should.
>
> I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.
>
> Thanks,
>
> Craig
> W6ADV

# 19955. RE: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 18:49:31 UTC
From: Craig Pitcher
Topic: 19950  Message: 19955

Thanks to all that replied to my post.

I solved the low output problem, but the cause was so unusual I thought I would share it.

I had a two prong connector I had put on the power cable going my switching power supply. The connections were nicely soldered to the wires.

Apparently, it was good enough to draw most of the power needed.. but too high a resistance to draw all that was needed. When I removed the connectors and wired it directly into the supply, the radio came up to full output.

50 years as a ham, but you are never too experienced to have a bad solder joint.

Craig
W6ADV

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of cpitcher@...
Sent: Sunday, August 05, 2012 9:06 AM
To: ic706@yahoogroups.com
Subject: [ic706] Low Power Output

Hello,

I have just joined the group, so please indulge me if this topic has been hashed to death before.

I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.

I have made sure the power setting is set to "H", but it is only putting out about half of what it should.

I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.

Thanks,

Craig
W6ADV

[Non-text portions of this message have been removed]

# 19956. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-06 19:55:49 UTC
From: bruce.clements@sympatico.ca
Topic: 19950  Message: 19956

I bet one of the power fets is open.
I got new ones from RFparts

Bruce
Ve3bv

Sent from my Apple Gizmo

On 2012-08-06, at 12:23 PM, "cpitcher@..." <cpitcher@...> wrote:

> Hello,
>
> I have just joined the group, so please indulge me if this topic has been hashed to death before.
>
> I recently picked up a IC-706MkIIG used, and after going through all the setting found that the power ouput on HF SSB is only 50-60 watts.
>
> I have made sure the power setting is set to "H", but it is only putting out about half of what it should.
>
> I heard somewhere that ICOM no longer has parts for the 706, but I wanted to inquire who might be able to repair this radio at a reasonable cost. I'm in NOCAL.
>
> Thanks,
>
> Craig
> W6ADV
>
>

[Non-text portions of this message have been removed]

# 19957. Re: [ic706] Low Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-07 02:05:05 UTC
From: Wayne Bowyer
Topic: 19950  Message: 19957

Do all you can to protect those finals. If your serial number is below 150,000 you have a final that is difficult if not impossible to source. FWIW--An excellent repair tech is N1EQ in Maine. His website is n1eq.com. He repaired my 706 last yr when I took a lightning hit. Very reasonable and fair. At the time I dealt with him he had some parts radios to get finals from.

The DC power connector on the 706 is a source of problems. The pin connections between the male (chassis) and female (power cable) get loose over time. The female connector gets spread a little over time (no pun intended) and it makes for a poor connection.

This group is a good source of information. Wish you all the best!

73
Wayne
n4eyz

On Mon, Aug 6, 2012 at 2:49 PM, Craig Pitcher <cpitcher@...> wrote:

> **
>
>
> Thanks to all that replied to my post.
>
> I solved the low output problem, but the cause was so unusual I thought I
> would share it.
>
> I had a two prong connector I had put on the power cable going my switching
> power supply. The connections were nicely soldered to the wires.
>
> Apparently, it was good enough to draw most of the power needed.. but too
> high a resistance to draw all that was needed. When I removed the
> connectors and wired it directly into the supply, the radio came up to full
> output.
>
> 50 years as a ham, but you are never too experienced to have a bad solder
> joint.
>
> Craig
> W6ADV
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> cpitcher@...
> Sent: Sunday, August 05, 2012 9:06 AM

> To: ic706@yahoogroups.com
> Subject: [ic706] Low Power Output
>
>
> Hello,
>
> I have just joined the group, so please indulge me if this topic has been
> hashed to death before.
>
> I recently picked up a IC-706MkIIG used, and after going through all the
> setting found that the power ouput on HF SSB is only 50-60 watts.
>
> I have made sure the power setting is set to "H", but it is only putting
> out
> about half of what it should.
>
> I heard somewhere that ICOM no longer has parts for the 706, but I wanted
> to
> inquire who might be able to repair this radio at a reasonable cost. I'm in
> NOCAL.
>
> Thanks,
>
> Craig
> W6ADV
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 19958. IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-09 21:46:54 UTC
From: John
Topic: 19958  Message: 19958

There semms to be no consensus regarding the MkIIG as a portable at lower power levels. I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger. I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question. Has anyone created a chart for the G showing usable time by battery size. Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?

Thanks for reading.

John / WA1JG

# 19959. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:08:50 UTC
From: A Wallace
Topic: 19958  Message: 19959

A recent post suggested the limiting factor was the current draw while receiving. This limits the time to operate off batteries. So I guess there hasn't been an overwhelming temptation to take the radio portable because of the battery size required for extended operation. That being said, it would be better than no operation eh?!

Adrian

On 10/08/2012 7:16 AM, John wrote:
>
> There semms to be no consensus regarding the MkIIG as a portable at
> lower power levels. I am planning a trip and would take my G along
> with 2 7.5 AH battieries and a charger. I will be staying in places
> where I will be able to charge at least 1 of the batteries almost
> every night, but the length of service even a low power appears to be
> an open question. Has anyone created a chart for the G showing usable
> time by battery size. Or better yet, has anyone had any experience
> with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>
> John / WA1JG
>

[Non-text portions of this message have been removed]

# 19960. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:19:50 UTC
From: Ralph Mowery
Topic: 19958  Message: 19960

This question keeps comming up.

Why don't you just try operating it from home one day on the batteries and reporting back here ?  It will probably take less than 3 or 4 hours to decide the battery will not last long.

As stated many times before, the receive draws over an amp with no signal and the transmitter draws several amps even with the rig at the lowest power.

--- On Thu, 8/9/12, John <jh.graves@...> wrote:

From: John <jh.graves@...>
Subject: [ic706] IC-706MNkIIG in qrp service?
To: ic706@yahoogroups.com
Date: Thursday, August 9, 2012, 5:46 PM

There semms to be no consensus regarding the MkIIG as a portable at lower power levels.  I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger.  I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question.  Has anyone created a chart for the G showing usable time by battery size.  Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?

Thanks for reading.

John / WA1JG

[Non-text portions of this message have been removed]

# 19961. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:39:41 UTC
From: Jack
Topic: 19958  Message: 19961

the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant to operate from gel cells it wants a nice sized battery that will give it 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from batteries consider a Yaesu 817 or 857 something in that line that was intended for that service.

-----Original Message-----
From: Ralph Mowery
Sent: Thursday, August 09, 2012 11:19 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

This question keeps comming up.

Why don't you just try operating it from home one day on the batteries and reporting back here ? It will probably take less than 3 or 4 hours to decide the battery will not last long.

As stated many times before, the receive draws over an amp with no signal and the transmitter draws several amps even with the rig at the lowest power.

--- On Thu, 8/9/12, John <jh.graves@...> wrote:

From: John <jh.graves@...>
Subject: [ic706] IC-706MNkIIG in qrp service?
To: ic706@yahoogroups.com
Date: Thursday, August 9, 2012, 5:46 PM

There semms to be no consensus regarding the MkIIG as a portable at lower power levels. I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger. I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question. Has anyone created a chart for the G showing usable time by battery size. Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?

Thanks for reading.

John / WA1JG

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 19962. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:49:36 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19962

Check the archives. I believe there is a consensus, and it's that the 706, in all its incarnations, is lousy at QRP, because it's just not designed for QRP operation and draws way too much current on both RX and TX, even at "low" power settings in the TX mode.

A friend of mine took his to the bottom of the Grand Canyon planning to do what you describe and got maybe 45 minutes of CW operating time before it drained the 8 AH battery so much that a portable solar panel couldn't recharge it sufficiently running all the following day.

We I operate my 706MKII "portable," it's with a 75 AH marine battery!

The next year he took a Yaesu FT-817.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 09 Aug 2012 10:52:19 PM EDT
From: "John" <jh.graves@...>
To: ic706@yahoogroups.com
Subject: [ic706] IC-706MNkIIG in qrp service?

> There semms to be no consensus regarding the MkIIG as a portable at lower power levels. I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger. I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question. Has anyone created a chart for the G showing usable time by battery size. Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>
> John / WA1JG
>
>

# 19963. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:51:59 UTC
From: John
Topic: 19958  Message: 19963

Ralph,

That is where I was headed. I could not find those references, and I was guessing that I was following a well traveled path. As a starting point then, I will estimate that receive current is about 2 amps and transmit is about 4 amps. Again, I would guestimate, as a starting point, that the ratio of receive to transmit will be 2 to 1, although on a bad day, it might run at 1 to 1. So now I will test the battery-radio combination with a few expectations and I will watch the voltage as I operate to insure that the voltage does not get below 12 V where I would assume that the increase in current consumption would be really visible, and a potential problem. My target is to have a fair feeling for what I can do before I start causing problems with either the battery or the radio when I am operating in the field. Regarding the time, my plan is for only about 2 hours at most each day, I am fitting some radio in on a few other things.

Tnx es 73,

John / WA1JG

On 8/9/2012 11:19 PM, Ralph Mowery wrote:
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and reporting back here ? It will probably take less than 3 or 4 hours to decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal and the transmitter draws several amps even with the rig at the lowest power.
>
>
>
> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: ic706@yahoogroups.com
> Date: Thursday, August 9, 2012, 5:46 PM
>
>
> There semms to be no consensus regarding the MkIIG as a portable at lower power levels. I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger. I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question. Has

anyone created a chart for the G showing usable time by battery size. Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19964. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:53:11 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19964

On RX, the 706 draws 1.8 A on RX "squelched" and 2.0 A on TX at "Max audio."

That's from the MKII manual.

There are some charts out there on the Web showing the (relatively high) current draw even at reduced power TX.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 09 Aug 2012 11:21:15 PM EDT
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and reporting back here ?  It will probably take less than 3 or 4 hours to decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal and the transmitter draws several amps even with the rig at the lowest power.
>
>
>
> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: ic706@yahoogroups.com
> Date: Thursday, August 9, 2012, 5:46 PM
>
>
> There semms to be no consensus regarding the MkIIG as a portable at lower power levels.  I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger.  I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question.  Has anyone created a chart for the G showing usable time by battery size.  Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>

> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 19965. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 03:54:24 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19965

Or an ICOM IC-703, which WAS designed from the ground up as a QRP rig.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 09 Aug 2012 11:40:59 PM EDT
From: "Jack" <jack.mrfixit198@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

> the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant to

> operate from gel cells it wants a nice sized battery that will give it
> 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> batteries consider a Yaesu 817 or 857 something in that line that was
> intended for that service.
>
>
>
> -----Original Message-----
> From: Ralph Mowery
> Sent: Thursday, August 09, 2012 11:19 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and
> reporting back here ? It will probably take less than 3 or 4 hours to
> decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal
> and the transmitter draws several amps even with the rig at the lowest
> power.
>
>
>
> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: ic706@yahoogroups.com
> Date: Thursday, August 9, 2012, 5:46 PM
>

>
> There semms to be no consensus regarding the MkIIG as a portable at lower
> power levels. I am planning a trip and would take my G along with 2 7.5 AH

> battieries and a charger. I will be staying in places where I will be able

> to charge at least 1 of the batteries almost every night, but the length of

> service even a low power appears to be an open question. Has anyone created

> a chart for the G showing usable time by battery size. Or better yet, has
> anyone had any experience with the G in that evironment at 5-15 W level
use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19966. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:02:42 UTC
From: John
Topic: 19958  Message: 19966

Jack,

I think that what you really meant is that the radio is not meant for
portable operation. Given that to reduce output to 5 watts, all that
has to be done is go into a menu and set the power to 5 watts, I find
your conclusion that the radio is not meant for QRP work somewhat of a
stretch. Well that may be true, and I might just take my 30+ yr old
Argosy and be just fine.

John / WA1JG

On 8/9/2012 11:39 PM, Jack wrote:
> the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant to
> operate from gel cells it wants a nice sized battery that will give it
> 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> batteries consider a Yaesu 817 or 857 something in that line that was
> intended for that service.
>
>
>
> -----Original Message-----
> From: Ralph Mowery
> Sent: Thursday, August 09, 2012 11:19 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and
> reporting back here ? It will probably take less than 3 or 4 hours to
> decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal
> and the transmitter draws several amps even with the rig at the lowest
> power.
>
>
>
> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: ic706@yahoogroups.com
> Date: Thursday, August 9, 2012, 5:46 PM
>

>
> There semms to be no consensus regarding the MkIIG as a portable at lower
> power levels. I am planning a trip and would take my G along with 2 7.5 AH
> battieries and a charger. I will be staying in places where I will be able
> to charge at least 1 of the batteries almost every night, but the length of
> service even a low power appears to be an open question. Has anyone created
> a chart for the G showing usable time by battery size. Or better yet, has
> anyone had any experience with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

# 19967. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:14:22 UTC
From: John
Topic: 19958  Message: 19967

Larry,

Thank you for the information. It looks like my estimate on receive was close and high on transmit. I do understand that the issue of disturbing the balance between voltage and current means that as voltage drops that current increases for any given output setting. Of course this is hard on both the radio and battery I am not planning this as a QRP expedition but rather a way to have some fun when I am eating lunch or taking a break when on the road. I also have a 12 AH battery and that might be enough to give me the 2 hours a day I want if charged each evening.

In all seriousness, the battery issue might mean that the radio I use is my Argosy (1) at 5 watts instead of the 706.

John / WA1JG

On 8/9/2012 11:53 PM, LARRY J. FORD wrote:
> On RX, the 706 draws 1.8 A on RX "squelched" and 2.0 A on TX at "Max audio."
>
> That's from the MKII manual.
>
> There are some charts out there on the Web showing the (relatively high)
> current draw even at reduced power TX.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Thu, 09 Aug 2012 11:21:15 PM EDT
> From: Ralph Mowery <ku4pt@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
>> This question keeps comming up.
>>
>> Why don't you just try operating it from home one day on the batteries and
> reporting back here ? It will probably take less than 3 or 4 hours to decide
> the battery will not last long.
>>
>> As stated many times before, the receive draws over an amp with no signal
> and the transmitter draws several amps even with the rig at the lowest power.
>>

>>
>>
>> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>>
>>
>> From: John <jh.graves@...>
>> Subject: [ic706] IC-706MNkIIG in qrp service?
>> To: ic706@yahoogroups.com
>> Date: Thursday, August 9, 2012, 5:46 PM
>>
>>
>> There semms to be no consensus regarding the MkIIG as a portable at lower
> power levels. I am planning a trip and would take my G along with 2 7.5 AH
> battieries and a charger. I will be staying in places where I will be able
> to charge at least 1 of the batteries almost every night, but the length of
> service even a low power appears to be an open question. Has anyone created
> a chart for the G showing usable time by battery size. Or better yet, has
> anyone had any experience with the G in that evironment at 5-15 W level use?
>> Thanks for reading.
>>
>> John / WA1JG
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19968. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:17:55 UTC
From: Jack
Topic: 19958  Message: 19968

NO John, Like you I have stated my thoughts! it is what I intended to say!

the 706 in any form SUCKS as a portable or QRP radio (QRP is 3 watts or less).

it works great in the mobile it is where mine has been for over 10 years with out any problems. I love my 706MKIIG in the mobile.

-----Original Message-----
From: John
Sent: Friday, August 10, 2012 12:02 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

Jack,

I think that what you really meant is that the radio is not meant for portable operation. Given that to reduce output to 5 watts, all that has to be done is go into a menu and set the power to 5 watts, I find your conclusion that the radio is not meant for QRP work somewhat of a stretch. Well that may be true, and I might just take my 30+ yr old Argosy and be just fine.

John / WA1JG

On 8/9/2012 11:39 PM, Jack wrote:
> the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant
> to
> operate from gel cells it wants a nice sized battery that will give it
> 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> batteries consider a Yaesu 817 or 857 something in that line that was
> intended for that service.
>
>
>
> -----Original Message-----
> From: Ralph Mowery
> Sent: Thursday, August 09, 2012 11:19 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and
> reporting back here ? It will probably take less than 3 or 4 hours to
> decide the battery will not last long.
>

> As stated many times before, the receive draws over an amp with no signal
> and the transmitter draws several amps even with the rig at the lowest
> power.
>
>
>
> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
>
>
> From: John <jh.graves@...>
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: ic706@yahoogroups.com
> Date: Thursday, August 9, 2012, 5:46 PM
>
>
> There semms to be no consensus regarding the MkIIG as a portable at lower
> power levels. I am planning a trip and would take my G along with 2 7.5
> AH
> battieries and a charger. I will be staying in places where I will be
> able
> to charge at least 1 of the batteries almost every night, but the length
> of
> service even a low power appears to be an open question. Has anyone
> created
> a chart for the G showing usable time by battery size. Or better yet, has
> anyone had any experience with the G in that evironment at 5-15 W level
> use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>
>

---

Yahoo! Groups Links

# 19969. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:30:52 UTC
From: ka9p@aol.com
Topic: 19958  Message: 19969

I'll go even further and say that it is meant for portable work if you don't want to run it a long time.

Back in the day before there were 703's and 817's and all that good stuff, you could buy a World Pack for your 706 that would hold a 7 AH gel cell, and the radio, mount an antenna on the side, and run it for an hour or two depending on your R/T ratio and desired power output (about 20 watts for me) and have a ball. I had a lot of fun doing that for a couple years before someone told me it wouldn't work :) And I'm talking halfway around the world stuff like SSB VU from the beach at ZF when the sun was coming up, with great reports.

In the long run it's hard on gel cell batteries, sure, and when the voltage drops you fm, but if all you're looking for is a little fun for an hour or two, it worked out just fine. And with today's battery technology you can stretch it more.

So ya, not designed with that in mind, but usable? Sure, especially if you already have what you need. Just don't expect what it can't deliver.

73 Scott

In a message dated 8/9/2012 11:02:38 P.M. Central Daylight Time, jh.graves@... writes:

Jack,

I think that what you really meant is that the radio is not meant for portable operation. Given that to reduce output to 5 watts, all that has to be done is go into a menu and set the power to 5 watts, I find your conclusion that the radio is not meant for QRP work somewhat of a stretch. Well that may be true, and I might just take my 30+ yr old Argosy and be just fine.

John / WA1JG

On 8/9/2012 11:39 PM, Jack wrote:
> the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant to
> operate from gel cells it wants a nice sized battery that will give it
> 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> batteries consider a Yaesu 817 or 857 something in that line that was
> intended for that service.
>
>
>
> -----Original Message-----

> From: Ralph Mowery
> Sent: Thursday, August 09, 2012 11:19 PM
> To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries
and
> reporting back here ? It will probably take less than 3 or 4 hours to
> decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal
> and the transmitter draws several amps even with the rig at the lowest
> power.
>
>
>
> --- On Thu, 8/9/12, John <_jh.graves@..._
(mailto:jh.graves@...) > wrote:
>
>
> From: John <_jh.graves@verizon.net_ (mailto:jh.graves@...) >
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: _ic706@yahoogroups.com_ (mailto:ic706@...m)
> Date: Thursday, August 9, 2012, 5:46 PM
>
>
> There semms to be no consensus regarding the MkIIG as a portable at lower
> power levels. I am planning a trip and would take my G along with 2 7.5
AH
> battieries and a charger. I will be staying in places where I will be
able
> to charge at least 1 of the batteries almost every night, but the length
of
> service even a low power appears to be an open question. Has anyone
created
> a chart for the G showing usable time by battery size. Or better yet, has
> anyone had any experience with the G in that evironment at 5-15 W level
use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19970. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:34:49 UTC
From: ka9p@aol.com
Topic: 19958  Message: 19970

on my old 706 receive current never exceeded 1.4 amps, and you'll probably find that the receive to transmit ratio most days is much easier than 1 to 1 unless all you do is call CQ :) You do really need to try what you've got and see if it works for your circumstances. 73 Scott

In a message dated 8/9/2012 10:51:58 P.M. Central Daylight Time, jh.graves@verizon.net writes:

Ralph,

That is where I was headed. I could not find those references, and I was guessing that I was following a well traveled path. As a starting point then, I will estimate that receive current is about 2 amps and transmit is about 4 amps. Again, I would guestimate, as a starting point, that the ratio of receive to transmit will be 2 to 1, although on a bad day, it might run at 1 to 1. So now I will test the battery-radio combination with a few expectations and I will watch the voltage as I operate to insure that the voltage does not get below 12 V where I would assume that the increase in current consumption would be really visible, and a potential problem. My target is to have a fair feeling for what I can do before I start causing problems with either the battery or the radio when I am operating in the field. Regarding the time, my plan is for only about 2 hours at most each day, I am fitting some radio in on a few other things.

Tnx es 73,

John / WA1JG

On 8/9/2012 11:19 PM, Ralph Mowery wrote:
> This question keeps comming up.
>
> Why don't you just try operating it from home one day on the batteries and reporting back here ? It will probably take less than 3 or 4 hours to decide the battery will not last long.
>
> As stated many times before, the receive draws over an amp with no signal and the transmitter draws several amps even with the rig at the lowest power.
>
>
>
> --- On Thu, 8/9/12, John <_jh.graves@..._ (mailto:jh.graves@...) > wrote:
>
>

> From: John <_jh.graves@..._ (mailto:jh.graves@...) >
> Subject: [ic706] IC-706MNkIIG in qrp service?
> To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
> Date: Thursday, August 9, 2012, 5:46 PM
>
>
> There semms to be no consensus regarding the MkIIG as a portable at lower power levels. I am planning a trip and would take my G along with 2 7.5 AH battieries and a charger. I will be staying in places where I will be able to charge at least 1 of the batteries almost every night, but the length of service even a low power appears to be an open question. Has anyone created a chart for the G showing usable time by battery size. Or better yet, has anyone had any experience with the G in that evironment at 5-15 W level use?
>
> Thanks for reading.
>
> John / WA1JG
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19971. Re: IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:42:48 UTC
From: zl1tbg
Topic: 19958  Message: 19971

a commercial product is available which includes one or two of those 1 Farad type capacitors - used by the car audio fraternity, enabling the use of a 706 on gel batteries, and 15 AH with a capacitor should be sufficient to do limited operating.
The little Yaesu is a fine rig for portable purposes, but if you only have a 706 and can afford the weight of everything needed to use it, then its a viable unit to take along. I usually run mine on a 26 AH Odyssey / Genesis battery, or a switchmode power supply, as others note, it draws a few amps on transmit idle, regardless of the power setting. This could be reduced by cutting back the bias on the drivers and finals, for your trip, restoring them later
Ralph

--- In ic706@yahoogroups.com, "Jack" <jack.mrfixit198@...> wrote:
>
> NO John, Like you I have stated my thoughts! it is what I intended to say!
>
> the 706 in any form SUCKS as a portable or QRP radio (QRP is 3 watts or
> less).
>
> it works great in the mobile it is where mine has been for over 10 years
> with out any problems. I love my 706MKIIG in the mobile.
>
>
>
>
> -----Original Message-----
> From: John
> Sent: Friday, August 10, 2012 12:02 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> Jack,
>
> I think that what you really meant is that the radio is not meant for
> portable operation. Given that to reduce output to 5 watts, all that
> has to be done is go into a menu and set the power to 5 watts, I find
> your conclusion that the radio is not meant for QRP work somewhat of a
> stretch. Well that may be true, and I might just take my 30+ yr old
> Argosy and be just fine.
>
> John / WA1JG
>
> On 8/9/2012 11:39 PM, Jack wrote:
> > the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant
> > to
> > operate from gel cells it wants a nice sized battery that will give it

> > 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> > batteries consider a Yaesu 817 or 857 something in that line that was
> > intended for that service.
> >
> >
> >
> > -----Original Message-----
> > From: Ralph Mowery
> > Sent: Thursday, August 09, 2012 11:19 PM
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MNkIIG in qrp service?
> >
> > This question keeps comming up.
> >
> > Why don't you just try operating it from home one day on the batteries and
> > reporting back here ? It will probably take less than 3 or 4 hours to
> > decide the battery will not last long.
> >
> > As stated many times before, the receive draws over an amp with no signal
> > and the transmitter draws several amps even with the rig at the lowest
> > power.
> >
> >
> >
> > --- On Thu, 8/9/12, John <jh.graves@...> wrote:
> >
> >
> > From: John <jh.graves@...>
> > Subject: [ic706] IC-706MNkIIG in qrp service?
> > To: ic706@yahoogroups.com
> > Date: Thursday, August 9, 2012, 5:46 PM
> >
> >
> > There semms to be no consensus regarding the MkIIG as a portable at lower
> > power levels. I am planning a trip and would take my G along with 2 7.5
> > AH
> > battieries and a charger. I will be staying in places where I will be
> > able
> > to charge at least 1 of the batteries almost every night, but the length
> > of
> > service even a low power appears to be an open question. Has anyone
> > created
> > a chart for the G showing usable time by battery size. Or better yet, has
> > anyone had any experience with the G in that evironment at 5-15 W level
> > use?
> >
> > Thanks for reading.
> >
> > John / WA1JG
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 19972. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 04:57:06 UTC
From: John
Topic: 19958  Message: 19972

Scott,

Thanks for the encouragement. I have a built a portable 1/4 wave vertical that was designed by AD5X. The top section is the 10 ft whip from MFJ. I bunged up the loading coil and have been able to only use it on 10-20 M. Works great on those bands. I expect that It will also be fine when I finish the loading coil and can go to 30 and 40 M. It works fairly well on 20 but a couple of turns on the loading coil makes it a little cleaner. This is the portable antenna is designed by Phil Salas, AD5X. If you like to build things, you really need to take a look at his site (ad5x.com) The only addition I have made was to increase the radial count from 8 to 12. It does make it play a little nicer. Anyway I need to calibrate the length of that top section and/or how many bottom sections I need for any given band.

My plan is to take a break as I drive to ......the TENTEC flea market..... There... I said it.

As I mentioned I also have an original Argosy that can select either 5 or 50 watts with a touch of a switch. so I am not worried about not having a rig, Just that I do worry a bit a bit about taking a rig that is almost half my age out for a ride. HI.

Cheers and 73,

John / WA1JG

On 8/10/2012 12:34 AM, ka9p@... wrote:
> on my old 706 receive current never exceeded 1.4 amps, and you'll
> probably find that the receive to transmit ratio most days is much easier than 1
> to 1 unless all you do is call CQ :) You do really need to try what you've
> got and see if it works for your circumstances. 73 Scott
>
>
> In a message dated 8/9/2012 10:51:58 P.M. Central Daylight Time,
> jh.graves@... writes:
>
>
>
>
> Ralph,
>
> That is where I was headed. I could not find those references, and I
> was guessing that I was following a well traveled path. As a starting
> point then, I will estimate that receive current is about 2 amps and
> transmit is about 4 amps. Again, I would guestimate, as a starting

> point, that the ratio of receive to transmit will be 2 to 1, although on
> a bad day, it might run at 1 to 1. So now I will test the
> battery-radio combination with a few expectations and I will watch the
> voltage as I operate to insure that the voltage does not get below 12 V
> where I would assume that the increase in current consumption would be
> really visible, and a potential problem. My target is to have a fair
> feeling for what I can do before I start causing problems with either
> the battery or the radio when I am operating in the field. Regarding the
> time, my plan is for only about 2 hours at most each day, I am fitting
> some radio in on a few other things.
>
> Tnx es 73,
>
> John / WA1JG
>
> On 8/9/2012 11:19 PM, Ralph Mowery wrote:
>> This question keeps comming up.
>>
>> Why don't you just try operating it from home one day on the batteries
> and reporting back here ? It will probably take less than 3 or 4 hours to
> decide the battery will not last long.
>>
>> As stated many times before, the receive draws over an amp with no
> signal and the transmitter draws several amps even with the rig at the lowest
> power.
>>
>>
>> --- On Thu, 8/9/12, John <_jh.graves@..._
> (mailto:jh.graves@...) > wrote:
>>
>> From: John <_jh.graves@..._ (mailto:jh.graves@...) >
>> Subject: [ic706] IC-706MNkIIG in qrp service?
>> To: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
>> Date: Thursday, August 9, 2012, 5:46 PM
>>
>>
>> There semms to be no consensus regarding the MkIIG as a portable at
> lower power levels. I am planning a trip and would take my G along with 2 7.5
> AH battieries and a charger. I will be staying in places where I will be
> able to charge at least 1 of the batteries almost every night, but the length
> of service even a low power appears to be an open question. Has anyone
> created a chart for the G showing usable time by battery size. Or better yet,
> has anyone had any experience with the G in that evironment at 5-15 W level
> use?
>> Thanks for reading.
>>
>> John / WA1JG
>>
>>
>>

>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>>
>>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19973. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 13:11:16 UTC
From: Mark Brueggemann
Topic: 19958  Message: 19973

--- On Thu, 8/9/12, John <jh.graves@...> wrote:

> I will estimate that receive current is about 2
> amps and transmit is about 4 amps.

With my 706MkIIG receive current with the display on "dim", 12.75V input, is 1.28A. TX @ 5W CW out is 6A.

I have used my 706 with a 7A gel cell in this way on many occasions with great success. Depending on duty cycle I get somewhere between 1.5 and 2 hours of operation from a "good" 7Ah gel. If you were to put two 7Ah batteries in parallel, you would get slightly better than 2X that operating time.

> I will watch the voltage as I operate to insure that the
> voltage does not get below 12 V

At 5W out, my 706 operates fine down to 10.75V. If you only discharge to 12V, you would have very limited run time as this is only about the 30% depth of discharge point.

> I also have a 12 AH battery and that might be enough to
> give me the 2 hours a day

A 12Ah gel would likely net you somewhere between 2 and 3 hours of operation and might be easier to manage than two paralleled 7Ah units. Jump start packs are often equipped with 12Ah gels and are a convenient way to charge and transport a portable battery.

Mark K5LXP
Albuquerque, NM

# 19974. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 13:45:49 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19974

I'm sorry, there was a "typo" in what I quoted below and to which you responded (I'll blame the late night hour for my error).

What I should have posted was:

"On RX, the 706 draws 1.8 A on RX 'squelched' and 2.0 A on RX at 'Max audio'."

The TX current draw on a L(ow)Power setting is much higher than 2.0 amps as I recall from the charts I've seen (but cannot find at the present).

The 706 is a fine "portable" rig, but not necessarily a fine "QRP" rig. I have used my MKII in a portable set-up over several years for Field Day, public service events, ARES drills, etc., but it does need a pretty herky battery feeding it if you want more than a minimal amount of operating time at more than minimal power. Again, I refer you to my friend's experience in the Grand Canyon with his 706, an 8 AH battery, and portable solar recharging panel, as I posted previously.

For my "portable" deployments with the 706 described above, I take a marine battery of 65-75 AH capacity.

Sorry for the error and hope this helps.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 10 Aug 2012 12:15:06 AM EDT
From: John <jh.graves@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

> Larry,
>
> Thank you for the information. It looks like my estimate on receive was
> close and high on transmit. I do understand that the issue of
> disturbing the balance between voltage and current means that as voltage
> drops that current increases for any given output setting. Of course
> this is hard on both the radio and battery I am not planning this as a
> QRP expedition but rather a way to have some fun when I am eating lunch
> or taking a break when on the road. I also have a 12 AH battery and
> that might be enough to give me the 2 hours a day I want if charged each
> evening.
>
> In all seriousness, the battery issue might mean that the radio I use is
> my Argosy (1) at 5 watts instead of the 706.

>
> John / WA1JG
>
> On 8/9/2012 11:53 PM, LARRY J. FORD wrote:
> > On RX, the 706 draws 1.8 A on RX "squelched" and 2.0 A on TX at "Max audio."
> >
> > That's from the MKII manual.
> >
> > There are some charts out there on the Web showing the (relatively high)
> > current draw even at reduced power TX.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ------ Original Message ------
> > Received: Thu, 09 Aug 2012 11:21:15 PM EDT
> > From: Ralph Mowery <ku4pt@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MNkIIG in qrp service?
> >
> >> This question keeps comming up.
> >>
> >> Why don't you just try operating it from home one day on the batteries and
> > reporting back here ? It will probably take less than 3 or 4 hours to decide
> > the battery will not last long.
> >>
> >> As stated many times before, the receive draws over an amp with no signal
> > and the transmitter draws several amps even with the rig at the lowest power.
> >>
> >>
> >>
> >> --- On Thu, 8/9/12, John <jh.graves@...> wrote:
> >>
> >>
> >> From: John <jh.graves@verizon.net>
> >> Subject: [ic706] IC-706MNkIIG in qrp service?
> >> To: ic706@yahoogroups.com
> >> Date: Thursday, August 9, 2012, 5:46 PM
> >>
> >>
> >> There semms to be no consensus regarding the MkIIG as a portable at lower

> > power levels. I am planning a trip and would take my G along with 2 7.5
AH
> > battieries and a charger. I will be staying in places where I will be
able
> > to charge at least 1 of the batteries almost every night, but the length
of
> > service even a low power appears to be an open question. Has anyone
created
> > a chart for the G showing usable time by battery size. Or better yet,
has
> > anyone had any experience with the G in that evironment at 5-15 W level
use?
> >> Thanks for reading.
> >>
> >> John / WA1JG
> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>

# 19975. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 13:47:09 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19975

Disagree that it SUCKS as a "portable" radio (my experience as posted proves otherwise), but it is not a good "QRP" rig, with all that the moniker "QRP" generally entails.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 10 Aug 2012 12:19:57 AM EDT
From: "Jack" <jack.mrfixit198@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

> NO John, Like you I have stated my thoughts! it is what I intended to say!
>
> the 706 in any form SUCKS as a portable or QRP radio (QRP is 3 watts or
> less).
>
> it works great in the mobile it is where mine has been for over 10 years
> with out any problems. I love my 706MKIIG in the mobile.
>
>
>
>
> -----Original Message-----
> From: John
> Sent: Friday, August 10, 2012 12:02 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
> Jack,
>
> I think that what you really meant is that the radio is not meant for
> portable operation. Given that to reduce output to 5 watts, all that
> has to be done is go into a menu and set the power to 5 watts, I find
> your conclusion that the radio is not meant for QRP work somewhat of a
> stretch. Well that may be true, and I might just take my 30+ yr old
> Argosy and be just fine.
>
> John / WA1JG
>
> On 8/9/2012 11:39 PM, Jack wrote:
> > the answer is the 706 was NEVER meant to be a QRP radio, it was NOT meant

> > to
> > operate from gel cells it wants a nice sized battery that will give it

> > 12.4 - 12.8 all the time and 20 Amp's. if you want to work QRP or from
> > batteries consider a Yaesu 817 or 857 something in that line that was
> > intended for that service.
> >
> >
> >
> > -----Original Message-----
> > From: Ralph Mowery
> > Sent: Thursday, August 09, 2012 11:19 PM
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC-706MNkIIG in qrp service?
> >
> > This question keeps comming up.
> >
> > Why don't you just try operating it from home one day on the batteries
and
> > reporting back here ? It will probably take less than 3 or 4 hours to
> > decide the battery will not last long.
> >
> > As stated many times before, the receive draws over an amp with no signal
> > and the transmitter draws several amps even with the rig at the lowest
> > power.
> >
> >
> >
> > --- On Thu, 8/9/12, John <jh.graves@...> wrote:
> >
> >
> > From: John <jh.graves@...>
> > Subject: [ic706] IC-706MNkIIG in qrp service?
> > To: ic706@yahoogroups.com
> > Date: Thursday, August 9, 2012, 5:46 PM
> >
> >
> > There semms to be no consensus regarding the MkIIG as a portable at lower
> > power levels. I am planning a trip and would take my G along with 2 7.5
> > AH
> > battieries and a charger. I will be staying in places where I will be
> > able
> > to charge at least 1 of the batteries almost every night, but the length
> > of
> > service even a low power appears to be an open question. Has anyone
> > created
> > a chart for the G showing usable time by battery size. Or better yet,
has
> > anyone had any experience with the G in that evironment at 5-15 W level
> > use?
> >
> > Thanks for reading.
> >

> > John / WA1JG
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 19976. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 13:58:46 UTC
From: Mark Brueggemann
Topic: 19958  Message: 19976

--- On Fri, 8/10/12, LARRY J. FORD <lford@...> wrote:

> it is not a good "QRP" rig, with all that the moniker "QRP"
> generally entails.

There are certainly more viable alternatives. I have a QRP station that includes a radio, enough battery for 24 hours of operation, antenna wire and tuner in a case that's smaller and a fraction of the weight of a 7Ah gel cell. But if you already have a 706, some batteries and a way to haul them around it's not an elegant solution but it's still a fun way to operate. The 706 brings a lot to the table in terms of band and mode capabilities, so sometimes the power and weight liability can easily be rationalized.

Mark K5LXP
Albuquerque, NM

# 19977. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 14:24:47 UTC
From: LARRY J. FORD
Topic: 19958  Message: 19977

As I said, the 706 is a good "portable" rig, provided you understand its limitations and requirements, as I've operated with it portable many times.

It's just not designed for and does not perform "well" as a classic "QRP" rig as you describe below, but can be used as such, again provided you understand its limitations and requirements.

As I noted, my friend ditched the 706 in favor of an FT-817 for his second trip to the bottom of the Grand Canyon.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 10 Aug 2012 09:58:56 AM EDT
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

>
> --- On Fri, 8/10/12, LARRY J. FORD <lford@...> wrote:
>
> > it is not a good "QRP" rig, with all that the moniker "QRP"
> > generally entails.
>
> There are certainly more viable alternatives. I have a QRP station that includes a radio, enough battery for 24 hours of operation, antenna wire and tuner in a case that's smaller and a fraction of the weight of a 7Ah gel cell. But if you already have a 706, some batteries and a way to haul them around it's not an elegant solution but it's still a fun way to operate. The 706 brings a lot to the table in terms of band and mode capabilities, so sometimes the power and weight liability can easily be rationalized.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>

# 19978. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 15:03:48 UTC
From: Ralph Mowery
Topic: 19958  Message: 19978

I have not operated portable except for the Field Day contest so I am speaking from limiated knowlege.  I often think that the 706 is not even that good of a rig to take portable.  By the time I take an external antenna tune with me, I often think I should just take the Icom 746pro with the built in antenna tuner.  The 746 will not tune but about a 3:1 swr, but that is usually enough for the antennas I use.

All that is assuming that plenty of power to draw from, either large batteries or AC supply.

--- On Fri, 8/10/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@...>
Subject: Re: [ic706] IC-706MNkIIG in qrp service?
To: ic706@yahoogroups.com
Date: Friday, August 10, 2012, 10:24 AM

As I said, the 706 is a good "portable" rig, provided you understand its limitations and requirements, as I've operated with it portable many times.

It's just not designed for and does not perform "well" as a classic "QRP" rig as you describe below, but can be used as such, again provided you understand its limitations and requirements.

As I noted, my friend ditched the 706 in favor of an FT-817 for his second trip to the bottom of the Grand Canyon.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 19979. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 15:20:39 UTC
From: Joe Isabella
Topic: 19958  Message: 19979

Just a friendly comment...  It appears that "portable" and "QRP" terms are getting used back & forth in this thread.  Truly two very different meanings, and the subject line is referring to "QRP" operation.  I think it's safe to say that the 706 isn't a very good QRP rig, but is a decent portable rig.  I've used mine quite a bit as a portable with a twin-lead fed dipole and AH-4, knowing that plenty of power is required (I've never run off small battery packs).  Portable also doesn't necessarily mean small battery power... If I were looking at a true "Portable QRP Rig", I'd look at a K2 or 703, or the other models mentioned earlier.

No flaming required, just making an observation.  ;-)

Joe, N3JI

---
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Sent: Friday, August 10, 2012 10:03 AM
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

I have not operated portable except for the Field Day contest so I am speaking from limiated knowlege.  I often think that the 706 is not even that good of a rig to take portable.  By the time I take an external antenna tune with me, I often think I should just take the Icom 746pro with the built in antenna tuner.  The 746 will not tune but about a 3:1 swr, but that is usually enough for the antennas I use.

All that is assuming that plenty of power to draw from, either large batteries or AC supply.

--- On Fri, 8/10/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@...>
Subject: Re: [ic706] IC-706MNkIIG in qrp service?
To: ic706@yahoogroups.com
Date: Friday, August 10, 2012, 10:24 AM

As I said, the 706 is a good "portable" rig, provided you understand its limitations and requirements, as I've operated with it portable many times.

It's just not designed for and does not perform "well" as a classic "QRP" rig as you describe below, but can be used as such, again provided you understand its limitations and requirements.

As I noted, my friend ditched the 706 in favor of an FT-817 for his second trip to the bottom of the Grand Canyon.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19980. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 15:41:19 UTC
From: Mike Rodgers
Topic: 19958  Message: 19980

Just to clarify Watts QRP. Pun intended.
5w cw
10w ssb

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

# 19981. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 16:46:15 UTC
From: John
Topic: 19958  Message: 19981

I want to thank everyone who has contributed to this discussion. Although at times, words got in the way of thoughts, I do appreciate the number of people who contributed not only their thoughts but their experience as well.

Although I want to minimize the clutter in the back of the car, I am thinking about taking both the 706 and the Argosy because I don't anticipate making this trip again in the near future. Note that neither of these rigs are anything close to state of the art, although both are fun to operate in the field. I do want to operate portable and probably will limit myself to QRP (or maybe near QRP) power simply because, I don't want to lug enough batteries to go higher power and it never has been my intention to operate mobile. This will be an experiment in what can be done with minimal equipment. It is also a way to break up a fair amount of driving. We are hams after all.

The battery issue is still open but 2 7.5 AH batteries are only slightly heavier than a single 12 AH battery, so I am leaning in the direction of redundancy. One of my self imposed limitations is that whatever I take must be contained in a single milk crate and able to be lifted by me. That is still barely true.

Thank you again and look for me probably on 20 M starting about September 25.

Thanks, Cheers and 73,

John / WA1JG

# 19982. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 19:38:27 UTC
From: Joe Isabella
Topic: 19958  Message: 19982

If that pesky initial spike is 100W+, are you technically still QRP, even though the rest of the transmission is 5/10W?  ;-)

(sorry -- couldn't help myself)

Joe, N3JI

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Friday, August 10, 2012 10:41 AM
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

Just to clarify Watts QRP. Pun intended.
5w cw
10w ssb

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

[Non-text portions of this message have been removed]

# 19983. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 20:10:37 UTC
From: Larry J. Ford
Topic: 19958  Message: 19983

Not to mention what a few milliseconds of 20A+ current draw does to a small, gel cell battery! Another reason I "go portable" with the 706 and a 70 AH marine battery.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Friday, August 10, 2012 3:38 PM
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

If that pesky initial spike is 100W+, are you technically still QRP, even though the rest of the transmission is 5/10W? ;-)

(sorry -- couldn't help myself)

Joe, N3JI

---
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Friday, August 10, 2012 10:41 AM
Subject: Re: [ic706] IC-706MNkIIG in qrp service?

Just to clarify Watts QRP. Pun intended.
5w cw
10w ssb

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19984. Re: [ic706] IC-706MNkIIG in qrp service?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-10 20:30:54 UTC
From: Jack Foster
Topic: 19958  Message: 19984

Larry,
I will agree there I have 2 20 ah cell that I use for portable ops till
power is set up.
On Aug 10, 2012 4:10 PM, "Larry J. Ford" <lford@...> wrote:

> Not to mention what a few milliseconds of 20A+ current draw does to a
> small, gel cell battery! Another reason I "go portable" with the 706 and a
> 70 AH marine battery.
>
> Larry J. Ford
> KG4GPJ
> ----- Original Message -----
> From: Joe Isabella
> To: ic706@yahoogroups.com
> Sent: Friday, August 10, 2012 3:38 PM
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
>
>
> If that pesky initial spike is 100W+, are you technically still QRP,
> even though the rest of the transmission is 5/10W? ;-)
>
> (sorry -- couldn't help myself)
>
> Joe, N3JI
>
> _____
> From: Mike Rodgers <mikerodgerske5gbc@...>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Sent: Friday, August 10, 2012 10:41 AM
> Subject: Re: [ic706] IC-706MNkIIG in qrp service?
>
>
>
> Just to clarify Watts QRP. Pun intended.
> 5w cw
> 10w ssb
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile

>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 19985. WTB: FL-223

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-12 03:04:34 UTC
From: John Dolan
Topic: 19985  Message: 19985

I would like to buy an FL-223 1.9 kHz SSB (9 MHz IF).
If you have one for sale please contact me at johndolan55 at gmail dot com.

Thanks and 73,

John WB4YAL

# 19986. Prices reduced on ICom 706 MK II and accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-13 03:22:04 UTC
From: K4GM- George
Topic: 19986  Message: 19986

One last chance before eBay!

Icom 706 MKII with microphone in excellent working condition and very good cosmetic shape but does have a few scratches: Reduced from $575 to $525.

OPC-581 extension cable: $35
MB63 and MB65 mounting base and bracket: $60
MB62 mobile mounting bracket: $30

PS-125 P/S: Reduced from $225 to $195
SP-20 Speaker/audio filter : Reduced from $125 to $100
SP-21 Speaker : $80

Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer pays shipping from zip 22554. Please contact me direct off list. Next week any unsold items are going on eBay.

Pictures available on any item.

73, George K4GM

# 19987. MB 72 Handle

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 12:57:15 UTC
From: John Dolan
Topic: 19987  Message: 19987

I recently purchased the MB 72 handle for my IC 706 Mk2G. I was under the impression that this would bolt onto the side of the rig. I have yet to figure out how to do this. There are no bolt holes that match where the handle will be attached. Even the user manual shows how to attach the handle but my Mk2G doesnt have the holes that look like the diagram. Does anyone know if there is another part that must be used or did Icom change the main unit on later Mk2G productions?

Thanks, John WB4YAL

# 19988. Re: WTB: FL-223

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 12:58:56 UTC
From: John Dolan
Topic: 19985  Message: 19988

Found one, Thanks!

--- In ic706@yahoogroups.com, "John Dolan" <john.dolan55@...> wrote:
>
> I would like to buy an FL-223 1.9 kHz SSB (9 MHz IF).
> If you have one for sale please contact me at johndolan55 at gmail dot com.
>
> Thanks and 73,
>
> John WB4YAL
>

# 19989. Re: [ic706] MB 72 Handle

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 13:55:19 UTC
From: AB1DD
Topic: 19987  Message: 19989

Mine has the holes. Make sure that you are putting the handle on the side away from the knob, The feet (2 of them) use screws already there. Don't know what to say if there are no holes!!

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Tue, 8/21/12, John Dolan <john.dolan55@...> wrote:

From: John Dolan <john.dolan55@...>
Subject: [ic706] MB 72 Handle
To: ic706@yahoogroups.com
Date: Tuesday, August 21, 2012, 8:57 AM

I recently purchased the MB 72 handle for my IC 706 Mk2G. I was under the impression that this would bolt onto the side of the rig. I have yet to figure out how to do this. There are no bolt holes that match where the handle will be attached. Even the user manual shows how to attach the handle but my Mk2G doesnt have the holes that look like the diagram. Does anyone know if there is another part that must be used or did Icom change the main unit on later Mk2G productions?

Thanks, John WB4YAL

[Non-text portions of this message have been removed]

# 19990. Re: MB 72 Handle

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 14:02:26 UTC
From: Mike Rodgers
Topic: 19987  Message: 19990

My mk2 does not have holes.
My 2 late model mk2g have the holes.
Handle will mount on left side.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

# 19991. Re: [ic706] MB 72 Handle

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 15:17:13 UTC
From: (no author)
Topic: 19987  Message: 19991

> I recently purchased the MB 72 handle for my IC 706 Mk2G. I was under the impression that this would bolt onto the side of the rig. I have yet to figure out how to do this. There are no bolt holes that match where the handle will be attached. Even the user manual shows how to attach the handle but my Mk2G doesnt have the holes that look like the diagram. Does anyone know if there is another part that must be used or did Icom change the main unit on later Mk2G productions?

My MkIIG, purchased new in '02, has the holes on the left-hand side, looking from the front; these are toward the front and back, so spaced much more widely than the holes (with a matching pair on the right-hand side) for attachment to the mounting bracket. I *think* (it's been a long time) that the feet came with the handle as well; does yours not have holes (or the feet already installed) on the right-hand side as well?

73

Alan NV8A

# 19992. Matching auto ATU

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-21 14:11:24 UTC
From: Michael Buckley
Topic: 19985  Message: 19992

Does anybody happen to have a good working AUTO ATU, the one that matches the 706 in style, for sale?

Tks

Mike

-'---

[Non-text portions of this message have been removed]

# 19993. Re: [ic706] Matching auto ATU

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-22 20:48:46 UTC
From: Dick L.
Topic: 19985  Message: 19993

Mike --

I might be able to help you with your needs for an auto tuner to play with your 706--- Let me know if you are still looking.  I have a BRAND NEW never used still in the sealed box LDG AT1000Pro tuner I would negotiate on -- I have had it for a couple of years and can see no need for it so I should sell it --

Thanks -- 73 -- good DX -- Dick, K9APW

How goes it in Great Britian??

---

From: Michael Buckley <M1CCF@...>
To: ic706@yahoogroups.com
Sent: Tuesday, August 21, 2012 9:11 AM
Subject: [ic706] Matching auto ATU

Does anybody happen to have a good working AUTO ATU, the one that
matches the 706 in style, for sale?

Tks

Mike

-'---

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19994. Smoke from back of radio?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-26 17:15:06 UTC
From: Frederick D
Topic: 19994  Message: 19994

Just acquired a 706 mk2 G

Whilst chatting away on local repeater running 5w I notice a strange PHUT PHUT sound! on de-key it goes away.

Then on the next over, black smoke appears from the back of the radio, then no switch on even after radio cooled down!

I assume the finals have overheated and blown? Is there anyway I can bypass the finals and get the radio to switch on and use receive only?

Many Thanks and apologies if subject covered before..

# 19995. 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-27 07:12:21 UTC
From: Michael Buckley
Topic: 19994  Message: 19995

I as a new member of the group

Can anybody tell me how the Mk 1 set performs as against the current Mk 2G

What does the original not have that the later one does?

Thanks

Mike

>

[Non-text portions of this message have been removed]

# 19996. Re: head unit ribbon connector

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-27 09:33:57 UTC
From: one1watt
Topic: 19939  Message: 19996

Hi Folks,
I'd just like to correct an error in my post and also to say I've now got a ribbon cable and the sets almost working 100%.

I had stated in my original post I was having to wait a month for the cable from Icom. I was actually referring to my "icom stockist (agent)" and not Icom uk.

By chance I was reading through the manual and came across Icom uk's office number and thought I'd just give them a ring to see what the situation was. I was greeted by a very helpful member of staff who offered to help as the spares man was on leave, 2 phone calls later and within half an hour, I was informed "in stock for next day delivery.....and less than a fifth of the cost quoted by the agent!
Ordered Friday and arrive in post Saturday Morning. Great Service "ICOM UK" Poor service Icom agent:(

I don't want to get all political, but I'm pretty disgusted with the agent, I'll still buy Icom because there great radio's, But use this agent in uk? Hmm, I'll leave that for you to decide.

Onewatt

# 19997. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-27 13:33:17 UTC
From: John G.
Topic: 19994  Message: 19997

things different in the original 706 vs MKIIG:

1.No 70cm
2. 10 watts on 2m vs 50w
3. No DSP option
4. Only 1 filter slot vs 2 filter slots
5. No backlight buttons
6. Changes bands with the TS button and main dial, vs the up/down buttons.

However, on the 706 original (the model I use) the fan is programmed to run all of the time. This is good, keeps the rig cooler.

Also, the original is less sensitive on receive with the preamp off. THis is good. The MKIIG is too sensitive even with the preamp off. That means you have to listen to a S8 noise level all of the time on HF below 20m. The 706 original has just the right amount of sensitivity with the preamp off on 30m and below. You can hear stations fine, but no extra noise on those bands. You can always turn the preamp on if necessary also.

73 John AF5CC

---- Original Message -----
From: Michael Buckley
To: ic706@yahoogroups.com
Sent: Monday, August 27, 2012 7:12 AM
Subject: [ic706] 706 Mk 1

I as a new member of the group

Can anybody tell me how the Mk 1 set performs as against the current Mk 2G

What does the original not have that the later one does?

Thanks

Mike

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 19998. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-27 14:27:24 UTC
From: LARRY J. FORD
Topic: 19994  Message: 19998

I have an original ICOM IC-706 ("no Mark"), and the big differences are as follows:

No AF DSP on the 706 vs. built-in AF DSP on the 706MKIIG. I use a JPS NIR-12 (external unit) with my "original" 706 to compensate.

The 706 puts out only 10 watts on 2 meters, vs. 40 (or 50) on the MKIIG.

The 706 has no 440 MHz band, the MKIIG does.

There are other differences, even between my "original" 706 and my 706MKII, but those are the major ones that come to mind right away.

Functionally, the addition of AF DSP and the addition of 440 MHz TX/RX to the MKIIG are the big differences.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 27 Aug 2012 03:42:49 AM EDT
From: Michael Buckley <M1CCF@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706 Mk 1

> I as a new member of the group
>
> Can anybody tell me how the Mk 1 set performs as against the current Mk 2G
>
> What does the original not have that the later one does?
>
> Thanks
>
> Mike
>
>
> >
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 19999. power up memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-27 15:05:09 UTC
From: ve3bv
Topic: 19999  Message: 19999

hi folks

Ive posted this before and still no clues

Heres the problem
1 when power up unit goes into CPU reset
2 The band up and down buttons don't function BUT do if needed in a different purpose ie going into a sub menu and toggleing with up/down

What I'm trying to find out is the following

Is there aterm comming from the head on the data buss thats corrupted or is there a term on the CPU that may be held HI or Low making the CPU
think it's in reset .. If so I can fool it ..If not the memory map in the CPU may be defective??

Don't feel bad folks I've hit Icom in the U.S. and Canada and they both drew a blank.

NOTE This radio was hit by lightning and at one point the Up Downs did work but I had no RF output. The rig now has been repaired but sometime in the process the UP / Down in the band action went goofy

thanks any clues would be helpful

bruce
VE3BV / VE3AAY

# 20000. RE: [ic706] power up memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 03:53:28 UTC
From: Bob Reiff
Topic: 19999  Message: 20000

Have you tried swapping each half (control head and main radio) with another completely different but similar 706? That's the only way you are going to determine in which half the problem is located.

Bob, WA8ULW

From: ve3bv [mailto:bruce.clements@...]
Sent: August 27, 2012 11:05
To: ic706@yahoogroups.com
Subject: [ic706] power up memory problem

hi folks

Ive posted this before and still no clues

Heres the problem
1 when power up unit goes into CPU reset
2 The band up and down buttons don't function BUT do if needed in a different purpose ie going into a sub menu and toggleing with up/down

What I'm trying to find out is the following

Is there aterm comming from the head on the data buss thats corrupted or is there a term on the CPU that may be held HI or Low making the CPU think it's in reset .. If so I can fool it ..If not the memory map in the CPU may be defective??

Don't feel bad folks I've hit Icom in the U.S. and Canada and they both drew a blank.

NOTE This radio was hit by lightning and at one point the Up Downs did work but I had no RF output. The rig now has been repaired but sometime in the process the UP / Down in the band action went goofy

thanks any clues would be helpful

bruce
VE3BV / VE3AAY

[Non-text portions of this message have been removed]

# 20001. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 05:24:04 UTC
From: Michael Buckley
Topic: 19994  Message: 20001

Thanks Larry

Just what I needed to know

what is AF DSP?

The 10w on 2M is a shame the lack of 440 does not worry me

Mike

On 27/08/2012 15:27, LARRY J. FORD wrote:
>
>
> I have an original ICOM IC-706 ("no Mark"), and the big differences are as
> follows:
>
> No AF DSP on the 706 vs. built-in AF DSP on the 706MKIIG. I use a JPS
> NIR-12
> (external unit) with my "original" 706 to compensate.
>
> The 706 puts out only 10 watts on 2 meters, vs. 40 (or 50) on the MKIIG.
>
> The 706 has no 440 MHz band, the MKIIG does.
>
> There are other differences, even between my "original" 706 and my
> 706MKII,
> but those are the major ones that come to mind right away.
>
> Functionally, the addition of AF DSP and the addition of 440 MHz TX/RX
> to the
> MKIIG are the big differences.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 27 Aug 2012 03:42:49 AM EDT
> From: Michael Buckley <M1CCF@... <mailto:M1CCF%40talktalk.net>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] 706 Mk 1
>
> > I as a new member of the group
> >
> > Can anybody tell me how the Mk 1 set performs as against the current
> Mk 2G

> >
> > What does the original not have that the later one does?
> >
> > Thanks
> >
> > Mike
> >
> >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20002. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 05:44:42 UTC
From: Michael Buckley
Topic: 19994  Message: 20002

Thanks John

Most helpful

Now I know what to expect.

Mike

On 27/08/2012 14:33, John G. wrote:
>
> things different in the original 706 vs MKIIG:
>
> 1.No 70cm
> 2. 10 watts on 2m vs 50w
> 3. No DSP option
> 4. Only 1 filter slot vs 2 filter slots
> 5. No backlight buttons
> 6. Changes bands with the TS button and main dial, vs the up/down buttons.
>
> However, on the 706 original (the model I use) the fan is programmed
> to run all of the time. This is good, keeps the rig cooler.
>
> Also, the original is less sensitive on receive with the preamp off.
> THis is good. The MKIIG is too sensitive even with the preamp off.
> That means you have to listen to a S8 noise level all of the time on
> HF below 20m. The 706 original has just the right amount of
> sensitivity with the preamp off on 30m and below. You can hear
> stations fine, but no extra noise on those bands. You can always turn
> the preamp on if necessary also.
>
> 73 John AF5CC
>
> ---- Original Message -----
> From: Michael Buckley
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Monday, August 27, 2012 7:12 AM
> Subject: [ic706] 706 Mk 1
>
> I as a new member of the group
>
> Can anybody tell me how the Mk 1 set performs as against the current Mk 2G
>
> What does the original not have that the later one does?
>
> Thanks
>

> Mike
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20003. Re: [ic706] power up memory problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 11:58:25 UTC
From: bruce.clements@sympatico.ca
Topic: 19999  Message: 20003

Not yet.
The unit is a 706 mk2 not many of this
model around. I can find lots of mk2 g version.

Tnx
Bruce. Ve3bv

Sent from my Apple Gizmo

On 2012-08-27, at 11:53 PM, "Bob Reiff" <wa8ulw@...> wrote:

> Have you tried swapping each half (control head and main radio) with another
> completely different but similar 706? That's the only way you are going to
> determine in which half the problem is located.
>
> Bob, WA8ULW
>
> From: ve3bv [mailto:bruce.clements@...]
> Sent: August 27, 2012 11:05
> To: ic706@yahoogroups.com
> Subject: [ic706] power up memory problem
>
> hi folks
>
> Ive posted this before and still no clues
>
> Heres the problem
> 1 when power up unit goes into CPU reset
> 2 The band up and down buttons don't function BUT do if needed in a
> different purpose ie going into a sub menu and toggleing with up/down
>
> What I'm trying to find out is the following
>
> Is there aterm comming from the head on the data buss thats corrupted or is
> there a term on the CPU that may be held HI or Low making the CPU
> think it's in reset .. If so I can fool it ..If not the memory map in the
> CPU may be defective??
>
> Don't feel bad folks I've hit Icom in the U.S. and Canada and they both drew
> a blank.
>
> NOTE This radio was hit by lightning and at one point the Up Downs did work
> but I had no RF output. The rig now has been repaired but sometime in the
> process the UP / Down in the band action went goofy
>
> thanks any clues would be helpful

>
> bruce
> VE3BV / VE3AAY
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20004. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 12:50:11 UTC
From: John G.
Topic: 19994  Message: 20004

The 10 watts on 2m is perfect for driving an amp, as many are set up for 10 watts input. I use mine with a mirage B108 for 75 watts or so out. Made a couple of 1400 mile plus QSOs on 2m SSB this past summer on an Eskip opening.

73 John AF5CC

----- Original Message -----
From: Michael Buckley
To: ic706@yahoogroups.com
Sent: Tuesday, August 28, 2012 5:44 AM
Subject: Re: [ic706] 706 Mk 1

Thanks John

Most helpful

Now I know what to expect.

Mike

On 27/08/2012 14:33, John G. wrote:
>
> things different in the original 706 vs MKIIG:
>
> 1.No 70cm
> 2. 10 watts on 2m vs 50w
> 3. No DSP option
> 4. Only 1 filter slot vs 2 filter slots
> 5. No backlight buttons
> 6. Changes bands with the TS button and main dial, vs the up/down buttons.
>
> However, on the 706 original (the model I use) the fan is programmed
> to run all of the time. This is good, keeps the rig cooler.
>
> Also, the original is less sensitive on receive with the preamp off.
> THis is good. The MKIIG is too sensitive even with the preamp off.
> That means you have to listen to a S8 noise level all of the time on
> HF below 20m. The 706 original has just the right amount of
> sensitivity with the preamp off on 30m and below. You can hear
> stations fine, but no extra noise on those bands. You can always turn
> the preamp on if necessary also.
>
> 73 John AF5CC
>
> ---- Original Message -----
> From: Michael Buckley
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>

> Sent: Monday, August 27, 2012 7:12 AM
> Subject: [ic706] 706 Mk 1
>
> I as a new member of the group
>
> Can anybody tell me how the Mk 1 set performs as against the current Mk 2G
>
> What does the original not have that the later one does?
>
> Thanks
>
> Mike
>
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20005. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 19:56:52 UTC
From: LARRY J. FORD
Topic: 19994  Message: 20005

Michael Buckley wrote: "... what is AF DSP?"

"AF DSP" means "Audio Frequency Digital Signal Processing"

It's an earlier generation of DSP for radio (perhaps the first generation), and it does its digital "magic" of trying to reduce and/or clean-up noise at the audio stage (i.e., the frequencies that you hear, as I understand it). It works, sort of, more or less, better than nothing.

The newer and latest generation of DSP, like that employed on the ICOM IC-7200 and higher versions of ICOM rigs, use "IF DSP," which applies the digital processing at the Intermediate Frequency stage of the receiver, much earlier than the AF stage. It works much better.

Note: I am not an RF engineer, nor did I stay at a Holiday Inn Express last night, so that explanation just exhausted my knowledge of how AF DSP vs. IF DSP actually works!

I invited learned commentary, designed to further illuminate the question at hand, but mere "nit picking" is neither needed nor welcomed!

Larry J. Ford
KG4GPJ

P.S. I disagree with your comment that "...10w on 2M is a shame." That 10 watts on 2 meters will actually do more than you think. You have to remember that the original IC-706 is mid-90s technology, was a complete ground-breaking achievement to put HF/6 meters/2 meters all in one package, so some compromises had to be made. Yes, compared to what is available almost 20 years later, it does seem to have some shortcomings, with the benefit of "hindsight," which is always 20/20 or better. If you have a need for or want more than 10 watts on 2 meters, just fork over some extra $$$ for a "brick" 2-meter amp, or an IC-706MKIIG!

It is what it is.

------ Original Message ------
Received: Tue, 28 Aug 2012 01:24:36 AM EDT
From: Michael Buckley <M1CCF@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 Mk 1

> Thanks Larry
>
> Just what I needed to know
>
> what is AF DSP?

> 
> The 10w on 2M is a shame the lack of 440 does not worry me
> 
> Mike
> 
> On 27/08/2012 15:27, LARRY J. FORD wrote:
> >
> >
> > I have an original ICOM IC-706 ("no Mark"), and the big differences are
as
> > follows:
> >
> > No AF DSP on the 706 vs. built-in AF DSP on the 706MKIIG. I use a JPS
> > NIR-12
> > (external unit) with my "original" 706 to compensate.
> >
> > The 706 puts out only 10 watts on 2 meters, vs. 40 (or 50) on the MKIIG.
> >
> > The 706 has no 440 MHz band, the MKIIG does.
> >
> > There are other differences, even between my "original" 706 and my
> > 706MKII,
> > but those are the major ones that come to mind right away.
> >
> > Functionally, the addition of AF DSP and the addition of 440 MHz TX/RX
> > to the
> > MKIIG are the big differences.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 27 Aug 2012 03:42:49 AM EDT
> > From: Michael Buckley <M1CCF@... <mailto:M1CCF%40talktalk.net>>
> > To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> > Subject: [ic706] 706 Mk 1
> >
> > > I as a new member of the group
> > >
> > > Can anybody tell me how the Mk 1 set performs as against the current
> > Mk 2G
> > >
> > > What does the original not have that the later one does?
> > >
> > > Thanks
> > >
> > > Mike
> > >
> > >

> > > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20006. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 20:00:04 UTC
From: Deacon Dave
Topic: 19994  Message: 20006

A programmable or user adjustable audio filter in the receive path.

----- Original Message -----
From: Michael Buckley
To: ic706@yahoogroups.com
Sent: Tuesday, August 28, 2012 1:24 AM
Subject: Re: [ic706] 706 Mk 1

what is AF DSP?

[Non-text portions of this message have been removed]

# 20007. Re: [ic706] 706 Mk 1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-28 20:03:00 UTC
From: Jeffrey Schwartz
Topic: 19994  Message: 20007

On Tue, Aug 28, 2012 at 3:56 PM, LARRY J. FORD <lford@...> wrote:
> Michael Buckley wrote: "... what is AF DSP?"
> P.S. I disagree with your comment that "...10w on 2M is a shame." That 10
> watts on 2 meters will actually do more than you think. You have to remember
> that the original IC-706 is mid-90s technology, was a complete ground-breaking
> achievement to put HF/6 meters/2 meters all in one package, so some
> compromises had to be made. Yes, compared to what is available almost 20
> years later, it does seem to have some shortcomings, with the benefit of
> "hindsight," which is always 20/20 or better. If you have a need for or want
> more than 10 watts on 2 meters, just fork over some extra $$$ for a "brick"
> 2-meter amp, or an IC-706MKIIG!
>

I'm running a 706Mk0 in my truck...

2M performance isn't half bad. In fact, the 10W isn't the issue I have with out local repeater - I can hit it no problem. My biggest issue is that part of my daily drive is a trip through "QRM Ville". This is the city where they keep no insulation on power lines. Every time it rains or the humidity goes over 10%, all the power lines turn into spark gap transmitters.

At this point, the pretty nice receive function in the 706 turns against me.... (sigh)

The only thing I would like from the MkII is the 70cm capability. I've spun the dial and can hear the weather sats on 137Mhz with no problem using the vehicle antenna. I keep wondering about doing Sat work mobile. If I had 70cm, I could try it.

# 20008. Problems on transmit on the HF/VHF Transceiver IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-29 05:12:45 UTC
From: richardvincent200
Topic: 20008  Message: 20008

Greetings:
I am brand new to the group. My name is Richard HS0ZFQ and I was first licensed in 1958.I have had the IC-706 since about 2002, before I retired and it has been a really reliable rig.
I just got it out of the shop because on transmit ( I only operate cw ) the fan would go on. At least it sounds like a fan. And then in a couple of minutes the screen would go black and it would cut out.
Let me back up for a minute. From the IC-706 it goes directly into a LDG Z-11 Pro tuner and then down and outside to a Balun Designs UNUN and into an S-9 31 ft. vertical antenna. I am beginning to think that I have a water leak somewhere. I have checked all the wires and connections. I would like to get an idea from others who have experienced the same kind of problem. After using the706 for about 10 years I have no complaints. Any information on this problem will be highly appreciated.
Yours Truly:
Richard
HS0ZFQ
ChiangRai, Thailand

# 20009. Re: Problems on transmit on the HF/VHF Transceiver IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-30 21:58:46 UTC
From: zl1tbg
Topic: 20008  Message: 20009

Richard,

they are susceptible to earthing problems, such as loose contact with grounding wipers and straps inside the case, loose ant. connector, bad power connector. These things lead to RF instability on some frequencies.

Also the contacts of the control head to radio connection sometimes get dirty and cause random shutdowns. these can be cleaned.

There is a difference in the way some models operate the fan. This operation can change if the low speed fan control burns out. It can also be modified if you want the fan running full speed all the time.

Ralph

--- In ic706@yahoogroups.com, "richardvincent200" <richardvincent200@...> wrote:
>
> Greetings:
> I am brand new to the group. My name is Richard HS0ZFQ and I was first licensed in 1958.I have had the IC-706 since about 2002, before I retired and it has been a really reliable rig.
> I just got it out of the shop because on transmit ( I only operate cw ) the fan would go on. At least it sounds like a fan. And then in a couple of minutes the screen would go black and it would cut out.
> Let me back up for a minute. From the IC-706 it goes directly into a LDG Z-11 Pro tuner and then down and outside to a Balun Designs UNUN and into an S-9 31 ft. vertical antenna. I am beginning to think that I have a water leak somewhere. I have checked all the wires and connections. I would like to get an idea from others who have experienced the same kind of problem. After using the706 for about 10 years I have no complaints. Any information on this problem will be highly appreciated.
> Yours Truly:
> Richard
> HS0ZFQ
> ChiangRai, Thailand
>

# 20010. FS: RFI supression torrids

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-30 22:59:23 UTC
From: John G.
Topic: 20010  Message: 20010

I have for sale 3 RFI supressing torrids which would work in your Icom 706 (or other Icom radio) setup. Two of them are the MFJ snap on square torrids. The other one is a larger, round, 2 1/2 inch diameter torrid.

I am asking $11 shipped for all three of these, and can take paypal/check/mo.

73 John AF5CC

# 20011. RE: [ic706] FS: RFI supression torrids

Yahoo group: ic706 (2010 — 2015)
Date: 2012-08-30 23:03:12 UTC
From: Tony
Topic: 20010  Message: 20011

Will you take $9?

Tony

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com
] On Behalf Of John G.
Sent: Thursday, August 30, 2012 5:59 PM
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector
Subject: [ic706] FS: RFI supression torrids

I have for sale 3 RFI supressing torrids which would work in your Icom 706
(or other Icom radio) setup. Two of them are the MFJ snap on square
torrids. The other one is a larger, round, 2 1/2 inch diameter torrid.

I am asking $11 shipped for all three of these, and can take
paypal/check/mo.

73 John AF5CC

---

Yahoo! Groups Links

# 20012. Re: Problems on transmit on the HF/VHF Transceiver IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-01 10:11:05 UTC
From: richardvincent200
Topic: 20008  Message: 20012

Ralph:
Thanks a whole lot for those suggestions. Come to think of it I have never had the control head off. I am not sure how to do that. Better learn. All of the other connector related issues look like real possibilities.
Thanks Again
Richard
HS0ZFQ

--- In ic706@yahoogroups.com, "zl1tbg" <sanson.r@...> wrote:
>
> Richard,
>
> they are susceptible to earthing problems, such as loose contact with grounding wipers and straps inside the case, loose ant. connector, bad power connector. These things lead to RF instability on some frequencies.
>
> Also the contacts of the control head to radio connection sometimes get dirty and cause random shutdowns. these can be cleaned.
>
> There is a difference in the way some models operate the fan. This operation can change if the low speed fan control burns out. It can also be modified if you want the fan running full speed all the time.
>
> Ralph
>
> --- In ic706@yahoogroups.com, "richardvincent200" <richardvincent200@> wrote:
> >
> > Greetings:
> > I am brand new to the group. My name is Richard HS0ZFQ and I was first licensed in 1958.I have had the IC-706 since about 2002, before I retired and it has been a really reliable rig.
> > I just got it out of the shop because on transmit ( I only operate cw ) the fan would go on. At least it sounds like a fan. And then in a couple of minutes the screen would go black and it would cut out.
> > Let me back up for a minute. From the IC-706 it goes directly into a LDG Z-11 Pro tuner and then down and outside to a Balun Designs UNUN and into an S-9 31 ft. vertical antenna. I am beginning to think that I have a water leak somewhere. I have checked all the wires and connections. I would like to get an idea from others who have experienced the same kind of problem. After using the706 for about 10 years I have no complaints. Any information on this problem will be highly appreciated.
> > Yours Truly:
> > Richard
> > HS0ZFQ
> > ChiangRai, Thailand
> >

>

# 20013. F/S: ICOM UT-106 DSP unit (for 706MKII & MKIIG, etc.)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-08 05:49:31 UTC
From: w9xc_radio
Topic: 20013  Message: 20013

I'm selling a (used) ICOM UT-106 DSP unit (for 718, 706MKII & MKIIG, R75, etc) - works great, with installation instructions. Price: $75.00, shipped CONUS (only).

Full details, high-resolution pictures, and payment/contact info is at:
http://w9xc.net/forsale

If interested, reply off-list (see website, or email above).

73,

-- Les, W9XC

# 20014. Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-10 15:03:36 UTC
From: g3yfo@blueyonder.co.uk
Topic: 20014  Message: 20014

Hi Everyone,
I need help in finding a GOOD copy of the service manual for the IC 706 Mk1, I have downloaded some copies from the net but they are not very clear, when you try to trace the components on the PCB, I am have a problem in finding the Transistors (Q xx) sometimes it looks like (Qxx) but in fact it's a diode (Dxx) i have been trying to repair a fault on my unit but after many days I have given until I can find a nice clear copy of the service manual, the main parts I am looking for is the PCB Components Layouts for all the various boards in the unit.

If anyone can help me out I would be very happy.

many thanks Mark (G3YFO)

[Non-text portions of this message have been removed]

# 20015. 706MkIIG MOSFET Schematic

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-10 20:50:15 UTC
From: Rob M0RBY
Topic: 20014  Message: 20015

Likewise, if anyone can point me in the direction of the schematic for the later MkIIG with the MOSFET finals I would be grateful. I have managed to download everything but!

Thanks in advance

Rob M0RBY

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of g3yfo@...
Sent: 10 September 2012 16:04
To: ic706@yahoogroups.com
Subject: [ic706] Icom IC 706 Mk1

Hi Everyone,
I need help in finding a GOOD copy of the service manual for the IC 706 Mk1, I have downloaded some copies from the net but they are not very clear, when you try to trace the components on the PCB, I am have a problem in finding the Transistors (Q xx) sometimes it looks like (Qxx) but in fact it's a diode (Dxx) i have been trying to repair a fault on my unit but after many days I have given until I can find a nice clear copy of the service manual, the main parts I am looking for is the PCB Components Layouts for all the various boards in the unit.

If anyone can help me out I would be very happy.

many thanks Mark (G3YFO)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20016. (SOLD) Re: F/S: ICOM UT-106 DSP unit (for 706MKII & MKIIG, etc.)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-10 21:12:10 UTC
From: w9xc_radio
Topic: 20013  Message: 20016

The UT-106 has been sold. Thanks - Les, W9XC

--- In ic706@yahoogroups.com, "w9xc_radio" <gasserles@...> wrote:
>
> I'm selling a (used) ICOM UT-106 DSP unit (for 718, 706MKII & MKIIG, R75, etc) - works great, with installation instructions. Price: $75.00, shipped CONUS (only).
>
> Full details, high-resolution pictures, and payment/contact info is at: http://w9xc.net/forsale
>
> If interested, reply off-list (see website, or email above).
>
> 73,
>
> -- Les, W9XC
>

# 20017. Remote mounting- how to go 350 yards?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-13 17:16:52 UTC
From: Mark
Topic: 20017  Message: 20017

Greetings all,

I live in a small valley with a hill leading down almost to my back yard. I have long wondered about mounting an antenna at the top but for my purposes that would be more expense than what my radio needs are (my antennas work pretty good at the bottom of the hill).

However, I have often wondered about installing my 706 at the top of the hill if I ever got into DX 2 meter or 440.

Running power to the site would be easy to do, just wondering about what is involved in a dependable link between the radio and the control head/mike/key/speaker? If there is a simple way of remotely controlling the antennas via the connection I'd be interested in learning about that too.

All helpful advice is appreciated!

Thanks!

Mark

# 20018. Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-14 20:25:40 UTC
From: n6wk_skcc3
Topic: 20014  Message: 20018

To anyone interested,
here is a copy of the IC-706 manual that has High Resolution Pictures that you can Zoom in on. It is the BEST on available.
I'll leave the link up for a day.
http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
73,
Gordon

--- In ic706@yahoogroups.com, g3yfo@... wrote:
>
> Hi Everyone,
> I need help in finding a GOOD copy of the service manual for the IC 706
> Mk1, I have downloaded some copies from the net but they are not very
> clear, when you try to trace the components on the PCB, I am have a
> problem in finding the Transistors (Q xx) sometimes it looks like (Qxx)
> but in fact it's a diode (Dxx) i have been trying to repair a fault on
> my unit but after many days I have given until I can find a nice clear
> copy of the service manual, the main parts I am looking for is the PCB
> Components Layouts for all the various boards in the unit.
>
> If anyone can help me out I would be very happy.
>
> many thanks Mark (G3YFO)
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20019. Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-16 12:48:03 UTC
From: vk5zuc
Topic: 20014  Message: 20019

Missed it!

--- In ic706@yahoogroups.com, "n6wk_skcc3" <gordon@...> wrote:
>
> To anyone interested,
> here is a copy of the IC-706 manual that has High Resolution Pictures that you can Zoom in on. It is the BEST on available.
> I'll leave the link up for a day.
> http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
> 73,
> Gordon
>
>
> --- In ic706@...m, g3yfo@ wrote:
> >
> > Hi Everyone,
> > I need help in finding a GOOD copy of the service manual for the IC 706
> > Mk1, I have downloaded some copies from the net but they are not very
> > clear, when you try to trace the components on the PCB, I am have a
> > problem in finding the Transistors (Q xx) sometimes it looks like (Qxx)
> > but in fact it's a diode (Dxx) i have been trying to repair a fault on
> > my unit but after many days I have given until I can find a nice clear
> > copy of the service manual, the main parts I am looking for is the PCB
> > Components Layouts for all the various boards in the unit.
> >
> > If anyone can help me out I would be very happy.
> >
> > many thanks Mark (G3YFO)
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 20020. Re: [ic706] Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-16 20:59:26 UTC
From: John Silberman
Topic: 20014  Message: 20020

Wouldn't download for me, on time even. Page would hang up.

John KB4CRT

vk5zuc wrote:
> Missed it!
>
> --- In ic706@yahoogroups.com, "n6wk_skcc3" <gordon@...> wrote:
>
>> To anyone interested,
>> here is a copy of the IC-706 manual that has High Resolution Pictures that you can Zoom in on. It is the BEST on available.
>> I'll leave the link up for a day.
>> http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
>> 73,
>> Gordon
>>
>>
>> --- In ic706@yahoogroups.com, g3yfo@ wrote:
>>
>>> Hi Everyone,
>>> I need help in finding a GOOD copy of the service manual for the IC 706 Mk1, I have downloaded some copies from the net but they are not very clear, when you try to trace the components on the PCB, I am have a problem in finding the Transistors (Q xx) sometimes it looks like (Qxx) but in fact it's a diode (Dxx) i have been trying to repair a fault on my unit but after many days I have given until I can find a nice clear copy of the service manual, the main parts I am looking for is the PCB Components Layouts for all the various boards in the unit.
>>>
>>> If anyone can help me out I would be very happy.
>>>
>>> many thanks Mark (G3YFO)
>>>
>>>
>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>
>
>
>
> ------------------------------------

>
> Yahoo! Groups Links
>
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.2221 / Virus Database: 2437/5271 - Release Date: 09/16/12
>
>
>

[Non-text portions of this message have been removed]

# 20021. Re: [ic706] Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-16 21:11:56 UTC
From: Gordon
Topic: 20014  Message: 20021

It is a HUGE file, 89 megs, so if your internet is not fast, it would
appear that it was hanging up.
It takes awhile to download, even at my 35mbps speed I have here.
I can put it back up if you guys would like to try again.

73,
Gordon

On 9/16/2012 1:59 PM, John Silberman wrote:
>
> Wouldn't download for me, on time even. Page would hang up.
>
> John KB4CRT
>
> vk5zuc wrote:
> > Missed it!
> >
> > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> "n6wk_skcc3" <gordon@...> wrote:
> >
> >> To anyone interested,
> >> here is a copy of the IC-706 manual that has High Resolution
> Pictures that you can Zoom in on. It is the BEST on available.
> >> I'll leave the link up for a day.
> >> http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
> >> 73,
> >> Gordon
> >>
> >>
> >> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> g3yfo@ wrote:
> >>
> >>> Hi Everyone,
> >>> I need help in finding a GOOD copy of the service manual for the
> IC 706
> >>> Mk1, I have downloaded some copies from the net but they are not very
> >>> clear, when you try to trace the components on the PCB, I am have a
> >>> problem in finding the Transistors (Q xx) sometimes it looks like
> (Qxx)
> >>> but in fact it's a diode (Dxx) i have been trying to repair a fault on
> >>> my unit but after many days I have given until I can find a nice clear
> >>> copy of the service manual, the main parts I am looking for is the PCB
> >>> Components Layouts for all the various boards in the unit.
> >>>
> >>> If anyone can help me out I would be very happy.

> >>>
> >>> many thanks Mark (G3YFO)
> >>>
> >>>
> >>>
> >>>
> >>> [Non-text portions of this message have been removed]
> >>>
> >>>
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
> > -----
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2012.0.2221 / Virus Database: 2437/5271 - Release Date:
> 09/16/12
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20022. Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-16 23:03:27 UTC
From: n6wk_skcc3
Topic: 20014  Message: 20022

I put it back up here:
http://www.n6wk.com/Icom/
It is in both Zip and PDF format.
If you have a problem downloading it in PDF, try the Zip version

73,
Gordon

--- In ic706@yahoogroups.com, Gordon <gordon@...> wrote:
>
> It is a HUGE file, 89 megs, so if your internet is not fast, it would
> appear that it was hanging up.
> It takes awhile to download, even at my 35mbps speed I have here.
> I can put it back up if you guys would like to try again.
>
> 73,
> Gordon
>
>
> On 9/16/2012 1:59 PM, John Silberman wrote:
> >
> > Wouldn't download for me, on time even. Page would hang up.
> >
> > John KB4CRT
> >
> > vk5zuc wrote:
> > > Missed it!
> > >
> > > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> > "n6wk_skcc3" <gordon@> wrote:
> > >
> > >> To anyone interested,
> > >> here is a copy of the IC-706 manual that has High Resolution
> > Pictures that you can Zoom in on. It is the BEST on available.
> > >> I'll leave the link up for a day.
> > >> http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
> > >> 73,
> > >> Gordon
> > >>
> > >>
> > >> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> > g3yfo@ wrote:
> > >>
> > >>> Hi Everyone,
> > >>> I need help in finding a GOOD copy of the service manual for the

> > IC 706
> > >>> Mk1, I have downloaded some copies from the net but they are not very
> > >>> clear, when you try to trace the components on the PCB, I am have a
> > >>> problem in finding the Transistors (Q xx) sometimes it looks like
> > (Qxx)
> > >>> but in fact it's a diode (Dxx) i have been trying to repair a fault on
> > >>> my unit but after many days I have given until I can find a nice clear
> > >>> copy of the service manual, the main parts I am looking for is the PCB
> > >>> Components Layouts for all the various boards in the unit.
> > >>>
> > >>> If anyone can help me out I would be very happy.
> > >>>
> > >>> many thanks Mark (G3YFO)
> > >>>
> > >>>
> > >>>
> > >>>
> > >>> [Non-text portions of this message have been removed]
> > >>>
> > >>>
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > -----
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com
> > > Version: 2012.0.2221 / Virus Database: 2437/5271 - Release Date:
> > 09/16/12
> > >
> > >
> > >
> > >
> > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> [Non-text portions of this message have been removed]
>

# 20023. UT-102

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-18 00:15:44 UTC
From: n6wk_skcc3
Topic: 4393  Message: 20023

I have a Brand new, in the Box, UT-102 I am selling
$50.00 shipped to your door in the Continental USA.
Accept Paypal if you pay the 4%

Thanks,
Gordon
N6WK

# 20024. IC-706mk2g went dead

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-22 17:37:17 UTC
From: cpitcher@verizon.net
Topic: 20024  Message: 20024

Yesterday I installed my IC-706 mk2g in my car replacing my old workhorse IC-706. It worked fine and I had a couple of 10 meter QSO's from the driveway and set up all my repeater splits.

Everything worked fine until this morning when I pushed on the power switch and everything went dead. I expected to find a bad fuse, but both were OK, and the power connector is on tight.

Any ideas what happened?

Thanks,

Craig
W6ADV

# 20025. Re: [ic706] IC-706mk2g went dead

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-22 17:42:42 UTC
From: Ken Winterling
Topic: 20024  Message: 20025

Craig,

If the fuses are good try disconnecting the head from the body or the extension cable at both ends and clean BOTH sets of contacts on the head, body, and cable. Reconnect and try again.

Ken
WA2LBI

On Sat, Sep 22, 2012 at 1:37 PM, cpitcher@...
<cpitcher@...>wrote:

> **
>
>
> Yesterday I installed my IC-706 mk2g in my car replacing my old workhorse
> IC-706. It worked fine and I had a couple of 10 meter QSO's from the
> driveway and set up all my repeater splits.
>
> Everything worked fine until this morning when I pushed on the power
> switch and everything went dead. I expected to find a bad fuse, but both
> were OK, and the power connector is on tight.
>
> Any ideas what happened?
>
> Thanks,
>
> Craig
> W6ADV
>
>

[Non-text portions of this message have been removed]

# 20026. RE: [ic706] IC-706mk2g went dead

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-22 18:54:26 UTC
From: Craig Pitcher
Topic: 20024  Message: 20026

Thanks Ken,

I found just the problem.

Yesterday I had my car in for repairs, and apparently the mechanic disconnected my battery cable. When he put it back my radio connections was put back on the battery, but he must have broken the solder loose on the lug so that the contact became intermittent. I have since crimped and soldered it back, and all works fine.

Craig

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ken Winterling
Sent: Saturday, September 22, 2012 10:43 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706mk2g went dead

Craig,

If the fuses are good try disconnecting the head from the body or the extension cable at both ends and clean BOTH sets of contacts on the head, body, and cable. Reconnect and try again.

Ken
WA2LBI

On Sat, Sep 22, 2012 at 1:37 PM, cpitcher@... <mailto:cpitcher%40verizon.net> <cpitcher@... <mailto:cpitcher%40verizon.net> >wrote:

> **
>
>
> Yesterday I installed my IC-706 mk2g in my car replacing my old workhorse
> IC-706. It worked fine and I had a couple of 10 meter QSO's from the
> driveway and set up all my repeater splits.
>
> Everything worked fine until this morning when I pushed on the power
> switch and everything went dead. I expected to find a bad fuse, but both
> were OK, and the power connector is on tight.
>
> Any ideas what happened?
>
> Thanks,
>
> Craig

> W6ADV
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20027. 706 MK2-G Linear Hookup Info needed

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-23 15:01:46 UTC
From: Rick
Topic: 20027  Message: 20027

I would like to hook up my 706 MK2G to my Heathkit SB220 linear amp.
Is it possible to hook up directly to the 13 pin din connector Pin #8
and ground? My amp has the soft key circuit installed. I saw a circuit
on the LINKS area showing a transistor keying circuit. Can one use a
Amerirton ARB 704 Ampliifer-to-Transceiver Interface box?
Thanks and 73,
Rick ND4z

# 20028. Re: [ic706] 706 MK2-G Linear Hookup Info needed

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-23 20:23:20 UTC
From: Ralph Mowery
Topic: 20027  Message: 20028

Even with the soft keying circuits, you can not hook up most amps to a 706.  The 706 does some odd voltage swings instead of just going to ground  on the keying pins like most rigs do..

I built one for my 706, but there may be some on ebay just for the 706 to key amps with.

--- On Sun, 9/23/12, Rick <nd4z@...> wrote:

From: Rick <nd4z@...>
Subject: [ic706] 706 MK2-G Linear Hookup Info needed
To: ic706@yahoogroups.com
Date: Sunday, September 23, 2012, 11:01 AM

I  would like to hook up my 706 MK2G to my Heathkit SB220 linear amp.
Is it possible to hook up directly to the 13 pin din connector Pin #8
and ground? My amp has the soft key circuit installed. I saw a circuit
on the LINKS area showing a transistor keying circuit. Can one use a
Amerirton ARB 704 Ampliifer-to-Transceiver Interface box?
Thanks and 73,
Rick ND4z

[Non-text portions of this message have been removed]

# 20029. Re: [ic706] 706 MK2-G Linear Hookup Info needed

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-23 21:26:44 UTC
From: LARRY J. FORD
Topic: 20027  Message: 20029

That, plus the fact the 706s (I have a 706 and a 706 MKII) have no relay jack for the key line to the amp. As has been mentioned, you have to buy or build an interface to the 13-pin DIN Accessory Port on the back and pick-up the line/pin that will key the amp.

Ameritron sells ready-made cable to interface its ARB-704 amp buffer to the 706 series, or you can build one of the several interface circuits floating around the 'Net.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 23 Sep 2012 04:23:47 PM EDT
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 MK2-G Linear Hookup Info needed

> Even with the soft keying circuits, you can not hook up most amps to a 706.  The 706 does some odd voltage swings instead of just going to ground on the keying pins like most rigs do..
>
> I built one for my 706, but there may be some on ebay just for the 706 to key amps with.
>
>
>
> --- On Sun, 9/23/12, Rick <nd4z@...> wrote:
>
>
> From: Rick <nd4z@...>
> Subject: [ic706] 706 MK2-G Linear Hookup Info needed
> To: ic706@yahoogroups.com
> Date: Sunday, September 23, 2012, 11:01 AM
>
>
> I  would like to hook up my 706 MK2G to my Heathkit SB220 linear amp.
> Is it possible to hook up directly to the 13 pin din connector Pin #8
> and ground? My amp has the soft key circuit installed. I saw a circuit
> on the LINKS area showing a transistor keying circuit. Can one use a
> Amerirton ARB 704 Ampliifer-to-Transceiver Interface box?
> Thanks and 73,
> Rick ND4z
>
>
>

> [Non-text portions of this message have been removed]
>
>

# 20030. Re: [ic706] 706 MK2-G Linear Hookup Info needed

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-23 23:17:44 UTC
From: Deacon Dave
Topic: 20027  Message: 20030

Rick,

Page 6 of yhe manual gives the pin outs for the 14 pin accessory connector. Pin 3 goes from 8 vdc to <.8 vdc when transmitting [HSEND]. This is the circuit to actuate an amplifier.

Your SB-220 will overload this circuit. A buffer is required. I mentioned in my direct response that the ARB-704 is a vy good circuit. However, the ARB-704 needs to have it's connector replaced to match the 14 pin ACC connecter on the 706. Remove the RCA plug and install the male mate for the 14 pin ACC. connect the hot wire to pin 3 and the shield to pin 2.

DD, W1MCE

# 20031. Re: [ic706] 706 MK2-G Linear Hookup Info needed

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-24 00:43:19 UTC
From: LARRY J. FORD
Topic: 20027  Message: 20031

Hmm ... Dave, I believe that ACCESSORY PORT on the 706 takes a 13-pin DIN connector, not 14.

At least it's 13 pins on the two 706s I have.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 23 Sep 2012 07:17:14 PM EDT
From: "Deacon Dave" <w1mce@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] 706 MK2-G Linear Hookup Info needed

> Rick,
>
> Page 6 of yhe manual gives the pin outs for the 14 pin accessory connector.

> Pin 3 goes from 8 vdc to <.8 vdc when transmitting [HSEND]. This is the
> circuit to actuate an amplifier.
>
> Your SB-220 will overload this circuit. A buffer is required. I mentioned in

> my direct response that the ARB-704 is a vy good circuit. However, the
> ARB-704 needs to have it's connector replaced to match the 14 pin ACC
> connecter on the 706. Remove the RCA plug and install the male mate for the

> 14 pin ACC. connect the hot wire to pin 3 and the shield to pin 2.
>
> DD, W1MCE
>
>
>

# 20032. New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-23 19:47:43 UTC
From: Misha
Topic: 20032  Message: 20032

Hello list members,

My name is Michael AD7VV and I have been given a Icom IC-706 MK II radio with auto tuner as well. This is an upgrade radio from my current rig an old Heathkit SB1400 and I am looking forward to getting on the air with this [new] rig on my bench as soon as it arrives via UPS. I hope to learn about this radio from this list, and maybe facilitate a few QSO's from my QTH here in North Pole, Alaska. I am using an OCF dipole antenna hung up in my back yard birch tree antenna farm and a small J pole for VHF/UFH use as well. I have a PK232 for packet/pactor though I have to rewire it for the 706 rig.

I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?

I have an old Bencher key given to me by an Elmer many years ago and so dusting it off and getting back into CW is also something I'd be interested in doing; maybe an old dawg can relearn new tricks?

Any way I'll lurk around here and read what I can to learn about this rig and wait for UPS to send Santa in a Brown truck hi hi ...

Keep warm, and may God richly bless all.
Mike AD7VV

# 20033. Re: [ic706] New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-24 14:13:02 UTC
From: LARRY J. FORD
Topic: 20032  Message: 20033

The 706 works quite well with a Signalink external soundcard interface for PSK-31.

Have no comments re: alternative set-ups from eBay.

What autotuner?

I also have an ICOM IC-706MKII, used mostly for field deployment (Field Day, public service events, etc.), and it's a pretty decent rig. Not the same caliber as my IC-7200, but we're talking different generations of radio technology there.

I'd recommend reading the manual, as the 706 is a "menu-heavy" rig, but with just an initial familiarization and a little practice it becomes almost second nature.

Good luck with it.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 24 Sep 2012 03:22:05 AM EDT
From: "Misha" <michaelheit@...>
To: ic706@yahoogroups.com
Subject: [ic706] New member to list.

> Hello list members,
>
> My name is Michael AD7VV and I have been given a Icom IC-706 MK II radio with auto tuner as well. This is an upgrade radio from my current rig an old Heathkit SB1400 and I am looking forward to getting on the air with this [new] rig on my bench as soon as it arrives via UPS. I hope to learn about this radio from this list, and maybe facilitate a few QSO's from my QTH here in North Pole, Alaska. I am using an OCF dipole antenna hung up in my back yard birch tree antenna farm and a small J pole for VHF/UFH use as well. I have a PK232 for packet/pactor though I have to rewire it for the 706 rig.
>
> I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?
>
> I have an old Bencher key given to me by an Elmer many years ago and so dusting it off and getting back into CW is also something I'd be interested in doing; maybe an old dawg can relearn new tricks?
>

> Any way I'll lurk around here and read what I can to learn about this rig and wait for UPS to send Santa in a Brown truck hi hi ...
>
> Keep warm, and may God richly bless all.
> Mike AD7VV
>
>

# 20034. Re: [ic706] New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-24 15:26:23 UTC
From: AG0N-3055
Topic: 20032  Message: 20034

On Sun, 23 Sep 2012 19:47:43 -0000, Misha wrote:

> I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?

Mark II or Mark IIg? Not that it matters much, but for the benefit of others, you might note the distinction.

I'm sure there will be others who say it works fine and to go ahead with it, but since you are coming from a more robust radio, you need to consider the size of the package. The 706/7000 are very small packages that are running big package power levels. The heat generated in the radio must be dissipated. You will have lots of fun with the rig, but it will run warm on receive and hot on transmit, especially with any key-down modes like psk/rtty/etc. I would recommend a fan be used on it for psk. Suit yourself.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20035. Re: [ic706] New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-24 15:47:50 UTC
From: LARRY J. FORD
Topic: 20032  Message: 20035

His posting said 706 MKII:

"> Hello list members,
>
> My name is Michael AD7VV and I have been given a Icom IC-706 MK II radio
..."

However, there is at least one difference between a 706 MKII and a 706 MKIIG, as the MKIIG has a 6-pin mini-DIN "DATA" port, which can be used for packet and perhaps digital connections in addition to the 13-pin DIN ACCESSORY port. The IC-706MKII has only the 13-Pin ACCESSORY port (or at least that's what my MKII has).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 24 Sep 2012 11:26:46 AM EDT
From: AG0N-3055 <mcduffie@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] New member to list.

> On Sun, 23 Sep 2012 19:47:43 -0000, Misha wrote:
>
>
> > I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?
>
> Mark II or Mark IIg? Not that it matters much, but for the benefit of
> others, you might note the distinction.
>
> I'm sure there will be others who say it works fine and to go ahead with
> it, but since you are coming from a more robust radio, you need to
> consider the size of the package. The 706/7000 are very small packages
> that are running big package power levels. The heat generated in the
> radio must be dissipated. You will have lots of fun with the rig, but
> it will run warm on receive and hot on transmit, especially with any
> key-down modes like psk/rtty/etc. I would recommend a fan be used on it
> for psk. Suit yourself.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055

```
> NodeOp Help Page: http://ag0n.net/irlp
>
```

# 20036. Re: New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-25 12:12:31 UTC
From: Tom Root
Topic: 20032  Message: 20036

I use my IC706MKIIG as my main station rig here inside my 2nd floor apartment J ..it works just fine on HF with my indoor 20M/30M dipole..on VHF I use the IC706MKIIG with a Diamond X50A outdoors on my wooden balcony..on HF, my current mode-of-choice is PSK-31..I have a SignaLink USB interface and use this interface with Digipan software..and with this station @ +/- 20W I have real paper-QSL cards from 42 US States, and real paper-QSL cards from 28 ARRL DX countries..life is good!

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20037. Re: [ic706] Re: New member to list.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-25 15:19:45 UTC
From: Deacon Dave
Topic: 20032  Message: 20037

Welcome aboard!

----- Original Message -----
From: Tom Root
To: ic706@yahoogroups.com
Sent: Tuesday, September 25, 2012 8:12 AM
Subject: [ic706] Re: New member to list.

I use my IC706MKIIG as my main station rig here inside my 2nd floor apartment J ..it works just fine on HF with my indoor 20M/30M dipole..on VHF I use the IC706MKIIG with a Diamond X50A outdoors on my wooden balcony..on HF, my current mode-of-choice is PSK-31..I have a SignaLink USB interface and use this interface with Digipan software..and with this station @ +/- 20W I have real paper-QSL cards from 42 US States, and real paper-QSL cards from 28 ARRL DX countries..life is good!

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20038. Re: [ic706] Digest Number 3386

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-25 15:07:01 UTC
From: Michael Heit
Topic: 20038  Message: 20038

To all who wrote me; thank you very much. Browsing the archives has revealed a few things to be addressed when the radio arrives and the heat is one I shall endeavor to solve with a small fan on the back side. The size is one huge plus factor for me for operations in my vehicle as well as at home. The antenna tuner is [I believe] the 180 Icom auto tuner so hopefully no problems. I am going to buy the quick reference manual as well as having already started to read the factory manual in PDF format ... more later when I get home from work.
Again, thank you all very much. This radio was used very little by a relative and is in prime condition. It is the MK II version not the G model but this should not be a problem in day to day use.

Mike AD7VV Michael Heit
North Pole, Alaska 99705
http://calvaryfairbanks.org/

"You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe Sanh, RVN 1968

"What is the meaning of a gold standard and a redeemable currency?  It represents integrity.  It insures the people’s control over the government’s use of the public purse.  It is the best guarantee against the socialization of a nation.  It enables a people to keep the government and banks in check.  It prevents currency expansion from getting ever farther out of bounds until it becomes worthless.  It tends to force standards of honesty on government and bank officials.  It is the symbol of a free society and an honorable government.  It is a necessary prerequisite to economic health.  It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University

The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: “A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it.”  McHenry’s notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)

_____
From: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Tuesday, September 25, 2012 12:58 AM
Subject: [ic706] Digest Number 3386

iCOM 706 User Forum

iCOM 706 User Forum Group
3 New Messages
Digest #3386

1a
Re: New member to list. by "LARRY J. FORD" lford1951
1b
Re: New member to list. by "AG0N-3055" glmcduffie
1c
Re: New member to list. by "LARRY J. FORD" lford1951
Messages
1a
Re: New member to list.
Mon Sep 24, 2012 7:13 am (PDT) . Posted by:
"LARRY J. FORD" lford1951
The 706 works quite well with a Signalink external soundcard interface for PSK-31.

Have no comments re: alternative set-ups from eBay.

What autotuner?

I also have an ICOM IC-706MKII, used mostly for field deployment (Field Day, public service events, etc.), and it's a pretty decent rig. Not the same caliber as my IC-7200, but we're talking different generations of radio technology there.

I'd recommend reading the manual, as the 706 is a "menu-heavy" rig, but with just an initial familiarization and a little practice it becomes almost second nature.

Good luck with it.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 24 Sep 2012 03:22:05 AM EDT
From: "Misha" <michaelheit@ yahoo.com>
To: ic706@yahoogroups. com
Subject: [ic706] New member to list.

> Hello list members,
>
> My name is Michael AD7VV and I have been given a Icom IC-706 MK II radio with auto tuner as well. This is an upgrade radio from my current rig an old Heathkit SB1400 and I am looking forward to getting on the air with this [new] rig on my bench as soon as it arrives via UPS. I hope to learn about this radio from this list, and maybe facilitate a few QSO's from my QTH here in North Pole, Alaska. I am using an OCF dipole antenna hung up in my back yard birch tree antenna farm and a small J pole for VHF/UFH use as well. I have a PK232 for packet/pactor though I have to rewire it for the 706 rig.
>
> I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?

>
> I have an old Bencher key given to me by an Elmer many years ago and so dusting it off and getting back into CW is also something I'd be interested in doing; maybe an old dawg can relearn new tricks?
>
> Any way I'll lurk around here and read what I can to learn about this rig and wait for UPS to send Santa in a Brown truck hi hi ...
>
> Keep warm, and may God richly bless all.
> Mike AD7VV
>
>

Reply to sender . Reply to group . Reply via Web Post . All Messages (4) . Top ^
1b
Re: New member to list.
Mon Sep 24, 2012 8:26 am (PDT) . Posted by:
"AG0N-3055" glmcduffie
On Sun, 23 Sep 2012 19:47:43 -0000, Misha wrote:

> I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?

Mark II or Mark IIg? Not that it matters much, but for the benefit of others, you might note the distinction.

I'm sure there will be others who say it works fine and to go ahead with it, but since you are coming from a more robust radio, you need to consider the size of the package. The 706/7000 are very small packages that are running big package power levels. The heat generated in the radio must be dissipated. You will have lots of fun with the rig, but it will run warm on receive and hot on transmit, especially with any key-down modes like psk/rtty/etc. I would recommend a fan be used on it for psk. Suit yourself.

Gary
--
http://ag0n. net
3055: http://ag0n. net/irlp/ 3055
NodeOp Help Page: http://ag0n. net/irlp

Reply to sender . Reply to group . Reply via Web Post . All Messages (4) . Top ^
1c
Re: New member to list.
Mon Sep 24, 2012 8:47 am (PDT) . Posted by:
"LARRY J. FORD" lford1951
His posting said 706 MKII:

"> Hello list members,
>
> My name is Michael AD7VV and I have been given a Icom IC-706 MK II radio

..."

However, there is at least one difference between a 706 MKII and a 706 MKIIG, as the MKIIG has a 6-pin mini-DIN "DATA" port, which can be used for packet and perhaps digital connections in addition to the 13-pin DIN ACCESSORY port. The IC-706MKII has only the 13-Pin ACCESSORY port (or at least that's what my MKII has).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 24 Sep 2012 11:26:46 AM EDT
From: AG0N-3055 <mcduffie@ag0n. net>
To: ic706@yahoogroups. com
Subject: Re: [ic706] New member to list.

> On Sun, 23 Sep 2012 19:47:43 -0000, Misha wrote:
>
>
> > I've also been looking at a cable set up from a fellow on Ebay for working PSK31 on this rig as well; if anyone on here has any advice on using the 706 for working digital modes I'd sure like to get into that arena. Can this radio connect to HRD programming?
>
> Mark II or Mark IIg? Not that it matters much, but for the benefit of
> others, you might note the distinction.
>
> I'm sure there will be others who say it works fine and to go ahead with
> it, but since you are coming from a more robust radio, you need to
> consider the size of the package. The 706/7000 are very small packages
> that are running big package power levels. The heat generated in the
> radio must be dissipated. You will have lots of fun with the rig, but
> it will run warm on receive and hot on transmit, especially with any
> key-down modes like psk/rtty/etc. I would recommend a fan be used on it
> for psk. Suit yourself.
>
> Gary
> --
> http://ag0n. net
> 3055: http://ag0n. net/irlp/ 3055
> NodeOp Help Page: http://ag0n. net/irlp
>

Reply to sender . Reply to group . Reply via Web Post . All Messages (4) . Top ^
Visit Your Group
>
View All Topics
>
Create New Topic
>

4 New Members
>
We are making changes based on your feedback, Thank you !
Submit Feedback
>
The Yahoo! Groups Product Blog
Check it out!
>

CHANGE SETTINGS
>
TERMS OF USE
>
UNSUBSCRIBE
>

[Non-text portions of this message have been removed]

# 20039. Re: Remote mounting- how to go 350 yards?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-09-26 18:06:13 UTC
From: john baker
Topic: 20017  Message: 20039

Hi Mark,

Interesting. I can understand why you'd want to do that, especially in a hilly area. If I was going that route, I would use something like the FT8800 that can cross band repeat and operate it from a HT or your icom at the shack. I use that rig in my jeep and in the shack the same way. I can walk around with the ht and get out there sooo much better. ...providing I can protect the rig from the weather.

OR

The chart I saw for coax losses for 144m/440 at 350 ft might be informative.

RG-8 (most common for HF antennas)
8.05 / 14.35 db

9913 (more expensive replacement for RG-8)
5.6 / 9.1 db

LMR-400 (more flexible and more expensive than 9913)
4.9 / 8.75 db

LMR-600 (mo better, much mo expensive)
3.33 / 4.9 db

Running an expensive coax may be tolerable on contacts and save the rig from the climate.

Something to bounce around anyways.

God bless
73
jb
kg6biw

[Non-text portions of this message have been removed]

# 20040. Re: replacing Drivers on IC-706Mk2G

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 14:49:02 UTC
From: hikebaker
Topic: 15223  Message: 20040

--- In ic706@yahoogroups.com, "Glenn (KØBO)" <yahoo@...> wrote:
>
> How does one remove the drive transistors on the Driver board?
>
> I've lost HF and have found that there is no RF output from Q100
> (MRF1508) on the driver board of the PA board. I am able to desolder the
> gate and drain but am unable to unsolder the source as it is somehow
> attached to a metal plate beneath the board.
>
> I am attempting to swap the HF driver for the V/Uhf driver but am unable
> to desolder the small tabs on the side of the transistor.
>
> Any suggestions?

This is 5 years after your post, but...did you ever figure out how to desolder the 1508 source from that driver IC? I need to replace the HF driver and can't think of anything besides removing all the components off the board, heating the whole thing up to 500F and removing both MRF1508's and replacing them with new MRF1518's, presumably while the heat sink is still hot.

-Does anybody know a non-hillbilly way to desolder MRF1508 from the PA Driver Board?

-Since MRF1508 is unavailable, has anybody used MRF1518?

-Does anybody know the non-hillbilly way to re-solder that driver amp back onto the PA Driver Board heat sink?

73 Eric AH8AI

# 20041. Current Draw When Off?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 18:01:55 UTC
From: schmautz
Topic: 20041  Message: 20041

Hi All:

I have been using my MKIIG as a remote radio for a few years and recently got it back in the shack. I have noticed that it gets warm when connected to my MFJ 1118 power outlet, which is being fed by an Alinco DM-33-MV power supply, with the power button off. Is this normal behavior? I can hear a click from the radio when I turn the supply on. Just curious, as I might throw it in the car, and wonder if it draws current when switched off?

Scott/WB2UZR

# 20042. Re: [ic706] Current Draw When Off?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 18:04:49 UTC
From: Jack Foster
Topic: 20041  Message: 20042

Yes it does a small amount, it takes more then 4 days to get the battery to
low to start my car.
On Oct 1, 2012 2:02 PM, "schmautz" <wb2uzr@...> wrote:

> Hi All:
>
> I have been using my MKIIG as a remote radio for a few years and recently
> got it back in the shack. I have noticed that it gets warm when connected
> to my MFJ 1118 power outlet, which is being fed by an Alinco DM-33-MV power
> supply, with the power button off. Is this normal behavior? I can hear a
> click from the radio when I turn the supply on. Just curious, as I might
> throw it in the car, and wonder if it draws current when switched off?
>
>
>
>
> Scott/WB2UZR
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 20043. Re: [ic706] Current Draw When Off?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 18:48:37 UTC
From: Alan Beagley
Topic: 20041  Message: 20043

On 10/01/12 02:01 pm, schmautz wrote:
> Hi All:
>
> I have been using my MKIIG as a remote radio for a few years and recently got it back in the shack. I have noticed that it gets warm when connected to my MFJ 1118 power outlet, which is being fed by an Alinco DM-33-MV power supply, with the power button off. Is this normal behavior? I can hear a click from the radio when I turn the supply on. Just curious, as I might throw it in the car, and wonder if it draws current when switched off?
>
>
>
>
> Scott/WB2UZR
>
>
>
>

It is normal for it to draw a small current, but I don't know how small. When mine went in for repair for another problem, it was found that a transistor (either driver or output -- I no longer remember) was leaky, resulting in a 1/2 Amp current draw, which explains why my car battery had gone flat in just a few days on one occasion. Replacing that transistor solved the problem.

BUT the older MkIIG rigs used Motorola transistors that are no longer in production. The later ones use Mitsubishi transistors on a different circuit board.

73

Alan NV8A

# 20044. Re: Current Draw When Off?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 19:10:26 UTC
From: schmautz
Topic: 20041  Message: 20044

Thanks for the reply, it draws enough for it to get fairly warm, not sure if that's normal.

--- In ic706@yahoogroups.com, Alan Beagley <ajbeagley@...> wrote:
>
> On 10/01/12 02:01 pm, schmautz wrote:
> > Hi All:
> >
> > I have been using my MKIIG as a remote radio for a few years and recently got it back in the shack. I have noticed that it gets warm when connected to my MFJ 1118 power outlet, which is being fed by an Alinco DM-33-MV power supply, with the power button off. Is this normal behavior? I can hear a click from the radio when I turn the supply on. Just curious, as I might throw it in the car, and wonder if it draws current when switched off?
> >
> >
> >
> >
> > Scott/WB2UZR
> >
> >
> >
> >
> It is normal for it to draw a small current, but I don't know how small.
> When mine went in for repair for another problem, it was found that a
> transistor (either driver or output -- I no longer remember) was leaky,
> resulting in a 1/2 Amp current draw, which explains why my car battery
> had gone flat in just a few days on one occasion. Replacing that
> transistor solved the problem.
>
> BUT the older MkIIG rigs used Motorola transistors that are no longer in
> production. The later ones use Mitsubishi transistors on a different
> circuit board.
>
> 73
>
> Alan NV8A
>

# 20045. Re: [ic706] Current Draw When Off?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-01 19:47:59 UTC
From: Mark Brueggemann
Topic: 20041  Message: 20045

--- On Mon, 10/1/12, Jack Foster <jack.mrfixit198@...> wrote:

> Yes it does a small amount, it takes
> more then 4 days to get the battery to
> low to start my car.

Something other than the 706 is the problem then. My 706 draws less than 5mA when "off". That's many times less than the self discharge rate of the battery.

Mark K5LXP
Albuquerque, NM

# 20046. Need IC-706 (not MKII or MKIIG) front panel or parts rig

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-04 21:12:02 UTC
From: epoolenh
Topic: 20046  Message: 20046

Looking for a straight-706 (not MKII or MKIIG) front panel or defective radio to use for parts to fix a lightning-damaged rig or use that rig's parts to fix yours. Please reply off-list (wa1rkt@...) with condition and price.

Rick WA1RKT
Londonderry, NH
Catch me on 14.300 MHz Intercon / MMSN most days

# 20047. Re: Remote mounting- how to go 350 yards?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 03:42:08 UTC
From: Mark
Topic: 20017  Message: 20047

I was tuning across the bands last night and on 17 meters heard a guy talking about controlling his 706 over the internet, so I waited for a gap then jumped in and asked him about it. He uses a device made by Remote Rig:

http://www.remoterig.com/wp/

And you can use it with a couple of wireless routers so at this point in time this looks like the best option to do this. The equipment isn't cheap but as I just commented in an email to a member of this group it would be cheaper that 1,000 feet of 9913.

# 20048. IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 19:20:41 UTC
From: kj4enn
Topic: 20048  Message: 20048

I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN

# 20049. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 21:24:56 UTC
From: Al Waschka
Topic: 20048  Message: 20049

I had a similar problem.

Are the symptoms the same on all bands?

Do you have access to a signal generator? With the preamp on, a 50 microvolt signal should read around 20 dB over S9.

It is likely that there is something wrong in the area of the preamp switching. If so, soldering of surface mount components will likely be required to fix it. If you can't do this, google icom 706 repair. There is a guy that works on most icom radios including the 706. He was very helpful to me even though I did not end up sending him my radio. I tried to pay him for his help, but he didn't respond to my query about that. My radio had a damaged capacitor that was affecting the circuit in that area. I had audio, but it was very low level.

Al K5TAN

On Oct 5, 2012, at 3:20 PM, "kj4enn" <tylereller@...> wrote:

> I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN
>
>

[Non-text portions of this message have been removed]

# 20050. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 22:02:37 UTC
From: Facility 406 DM09
Topic: 20048  Message: 20050

Is this something different for you?

The 706 and 706 MKII were well known to be brain dead and not much use without the pre-amp on all the time. I've experienced it with several rigs, so from what I've heard and experienced, what you describe is normal.

Kurt

# 20051. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 22:09:57 UTC
From: AG0N-3055
Topic: 20048  Message: 20051

On Fri, 05 Oct 2012 19:20:41 -0000, kj4enn wrote:

> I am wondering what might have happened, and how to fix it.

Simple things first...you didn't hit the squelch did you?

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 20052. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-05 23:23:37 UTC
From: John
Topic: 20048  Message: 20052

That was not my experience with the MKII, it was just about the right sensitivity with the preamp off. I find that the 706 original is about right in sensitivity with the preamp off on 30m and below, and is rather deaf without the preamp on 15m and above. 17/20m are kind of in between.

John AF5CC

On Fri, Oct 5, 2012 at 5:02 PM, Facility 406 DM09 <facility_406@earthlink.net> wrote:

> **
>
>
> Is this something different for you?
>
> The 706 and 706 MKII were well known to be brain dead and not much use
> without the pre-amp on all the time. I've experienced it with several
> rigs,
> so from what I've heard and experienced, what you describe is normal.
>
> Kurt
>
>
>

[Non-text portions of this message have been removed]

# 20053. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-06 00:19:41 UTC
From: LARRY J. FORD
Topic: 20048  Message: 20053

I have both an "original" 706 and a 706MKII and have found no need to use the pre-amp on HF at all.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 05 Oct 2012 07:24:01 PM EDT
From: John <af5cc@fidmail.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706 original no audio

> That was not my experience with the MKII, it was just about the right
> sensitivity with the preamp off. I find that the 706 original is about
> right in sensitivity with the preamp off on 30m and below, and is rather
> deaf without the preamp on 15m and above. 17/20m are kind of in between.
>
> John AF5CC
>
> On Fri, Oct 5, 2012 at 5:02 PM, Facility 406 DM09 <
> facility_406@...> wrote:
>
> > **
> > >
> > >
> > > Is this something different for you?
> > >
> > > The 706 and 706 MKII were well known to be brain dead and not much use
> > > without the pre-amp on all the time. I've experienced it with several
> > > rigs,
> > > so from what I've heard and experienced, what you describe is normal.
> > >
> > > Kurt
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >

>
>

# 20054. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-06 10:11:26 UTC
From: Mike Rodgers
Topic: 20048  Message: 20054

My mk 2 is just fine with pre amp off on hf anyway. Seems to run cooler in receive also than my mk2g.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Oct 5, 2012, at 6:23 PM, John <af5cc@...> wrote:

> That was not my experience with the MKII, it was just about the right
> sensitivity with the preamp off. I find that the 706 original is about
> right in sensitivity with the preamp off on 30m and below, and is rather
> deaf without the preamp on 15m and above. 17/20m are kind of in between.
>
> John AF5CC
>
> On Fri, Oct 5, 2012 at 5:02 PM, Facility 406 DM09 <
> facility_406@...> wrote:
>
>> **
>>
>>
>> Is this something different for you?
>>
>> The 706 and 706 MKII were well known to be brain dead and not much use
>> without the pre-amp on all the time. I've experienced it with several
>> rigs,
>> so from what I've heard and experienced, what you describe is normal.
>>
>> Kurt
>>
>>
>>
>>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links

>
>
>

# 20055. Re: [ic706] IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-06 15:57:08 UTC
From: Facility 406 DM09
Topic: 20048  Message: 20055

:I have both an "original" 706 and a 706MKII and have found no need to use the
: pre-amp on HF at all.

: > That was not my experience with the MKII, it was just about the right

That's the darndest thing... I've had a few and played with a few, all deaf. I researched it at the time, mid-90's, early 2000's, this was quite the norm. I used it to my advantage in RF cesspools like big cities. Maybe there was a design change at some point?

Kurt

# 20056. Re: Icom IC 706 Mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 02:40:37 UTC
From: n6wk_skcc3
Topic: 20014  Message: 20056

I put the Hi-Res 706 manual back up for the weekend.
http://www.n6wk.com/Icom/
It is 85 megs in size, so give it time to download. You won't be disappointed in the quality.
73,
Gordon

--- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> Missed it!
>
> --- In ic706@yahoogroups.com, "n6wk_skcc3" <gordon@> wrote:
> >
> > To anyone interested,
> > here is a copy of the IC-706 manual that has High Resolution Pictures that you can Zoom in on. It is the BEST on available.
> > I'll leave the link up for a day.
> > http://www.n6wk.com/Icom/IC-706-Hi-Res-Service%20Manual.pdf
> > 73,
> > Gordon
> >
> >
> > --- In ic706@yahoogroups.com, g3yfo@ wrote:
> > >
> > > Hi Everyone,
> > > I need help in finding a GOOD copy of the service manual for the IC 706
> > > Mk1, I have downloaded some copies from the net but they are not very
> > > clear, when you try to trace the components on the PCB, I am have a
> > > problem in finding the Transistors (Q xx) sometimes it looks like (Qxx)
> > > but in fact it's a diode (Dxx) i have been trying to repair a fault on
> > > my unit but after many days I have given until I can find a nice clear
> > > copy of the service manual, the main parts I am looking for is the PCB
> > > Components Layouts for all the various boards in the unit.
> > >
> > > If anyone can help me out I would be very happy.
> > >
> > > many thanks Mark (G3YFO)
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

# 20057. Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-06 22:37:51 UTC
From: kj4enn
Topic: 20048  Message: 20057

Thanks guys, I have looked at it some more and there are a few components on the preamp circuit that are toast. I have the equipment to test but not repair, I looked on eham and found a guy that specializes in fixing Icom radios for a really reasonable rate. I sent him a email and will hopefully know something monday. Thanks for all your help. Has anyone here done any business with N1EQ? He seems on top of everything, and all the reviews on eham were really good. Just curious.

--- In ic706@yahoogroups.com, "kj4enn" <tylereller@...> wrote:
>
> I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN
>

# 20058. Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 07:51:25 UTC
From: gunnystungun
Topic: 20048  Message: 20058

Ah, the advantages of having P-AMP/ATT on the same button. Operation can be tricky, apparently.

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> :I have both an "original" 706 and a 706MKII and have found no need to use
> the
> : pre-amp on HF at all.
>
> : > That was not my experience with the MKII, it was just about the right
>
> That's the darndest thing... I've had a few and played with a few, all
> deaf. I researched it at the time, mid-90's, early 2000's, this was quite
> the norm. I used it to my advantage in RF cesspools like big cities. Maybe
> there was a design change at some point?
>
> Kurt
>

# 20059. Re: [ic706] Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 15:17:21 UTC
From: Mike Rodgers
Topic: 20048  Message: 20059

I've heard good things of him.

I've also heard many more good things about Matt at SARS in Michigan. I believe SARS is also a icom authorized repair and warranty center.
I believe he is also on eham.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Oct 6, 2012, at 5:37 PM, "kj4enn" <tylereller@...> wrote:

> Thanks guys, I have looked at it some more and there are a few components on the preamp circuit that are toast. I have the equipment to test but not repair, I looked on eham and found a guy that specializes in fixing Icom radios for a really reasonable rate. I sent him a email and will hopefully know something monday. Thanks for all your help. Has anyone here done any business with N1EQ? He seems on top of everything, and all the reviews on eham were really good. Just curious.
> 
> --- In ic706@yahoogroups.com, "kj4enn" <tylereller@...> wrote:
> >
> > I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN
> >
> 
> 

[Non-text portions of this message have been removed]

# 20060. WTB: Feet and flip-up rail for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 16:26:35 UTC
From: yg@internetsmallfry.com
Topic: 20060  Message: 20060

Need the rear feet and the front flip-up rail for any model of 706. Please reply off-list to wa1rkt@... with price including shipping to NH 03053.

# 20061. Re: WTB: Feet and flip-up rail for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 16:28:02 UTC
From: yg@internetsmallfry.com
Topic: 20060  Message: 20061

Oh, terrific... Yahoo Groups mungs up the email address :-(.

Please reply to wa1rkt at comcast dot net... thanks.

--- In ic706@yahoogroups.com, yg@... wrote:
>
> Need the rear feet and the front flip-up rail for any model of 706. Please reply off-list to wa1rkt@... with price including shipping to NH 03053.
>

# 20062. Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 16:32:26 UTC
From: yg@internetsmallfry.com
Topic: 20048  Message: 20062

I can HIGHLY recommend Matt at SARS. He did an excellent job at a very fair price in fixing MY screw-ups on a 706MKIIG. Prior to that, he fixed another 706MKIIG for a priest friend of mine, Father John HH6JH in Haiti, that had been used early and often in relief efforts in that country after the earthquake and cholera epidemic, and he did the work pro bono and even paid the return shipping.

Great guy and excellent technician.

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I've heard good things of him.
>
> I've also heard many more good things about Matt at SARS in Michigan. I believe SARS is also a icom authorized repair and warranty center.
> I believe he is also on eham.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Oct 6, 2012, at 5:37 PM, "kj4enn" <tylereller@...> wrote:
>
> > Thanks guys, I have looked at it some more and there are a few components on the preamp circuit that are toast. I have the equipment to test but not repair, I looked on eham and found a guy that specializes in fixing Icom radios for a really reasonable rate. I sent him a email and will hopefully know something monday. Thanks for all your help. Has anyone here done any business with N1EQ? He seems on top of everything, and all the reviews on eham were really good. Just curious.
> > >
> > > --- In ic706@yahoogroups.com, "kj4enn" <tylereller@> wrote:
> > > >
> > > > I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN
> > > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]

>

# 20063. Re: [ic706] Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 16:48:11 UTC
From: LARRY J. FORD
Topic: 20048  Message: 20063

For mods and repairs on my ICOM IC-706 and IC-706MKII (and my IC-7200 - MARS mod), I've always used Matt Adrian, who owns SAR Technical Services in Michigan, an authorized, but independently-owned ICOM Service Center.

Work has always been done accurately,quickly, and reasonably.

Check out his ratings on eHam: http://www.eham.net/reviews/detail/5629

Contact info: http://www.sarts1.com

No financial interest, just a happy customer.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 07 Oct 2012 01:33:32 AM EDT
From: "kj4enn" <tylereller@...>
To: ic706@...m
Subject: [ic706] Re: IC-706 original no audio

> Thanks guys, I have looked at it some more and there are a few components on the preamp circuit that are toast. I have the equipment to test but not repair, I looked on eham and found a guy that specializes in fixing Icom radios for a really reasonable rate. I sent him a email and will hopefully know something monday. Thanks for all your help. Has anyone here done any business with N1EQ? He seems on top of everything, and all the reviews on eham were really good. Just curious.
>
> --- In ic706@yahoogroups.com, "kj4enn" <tylereller@...> wrote:
> >
> > I have a original 706, everything works fine if i have the preamp on, but as soon as the preamp is off there is no RX audio. I am wondering what might have happened, and how to fix it. TX is fine, but it doesnt do me any good if i cant hear anyone. Thanks. Tyler KJ4ENN
> >
>
>
>

# 20064. Re: IC-706 service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-07 19:17:24 UTC
From: michaelheit
Topic: 20048  Message: 20064

Thank you for posting the service manual page again. I received notice from FedEx that my IC-706MKII will arrive here sometime around October 12th ... I'm looking forward to getting this rig on the air and hopefully doing digital PSK31, voice SSB, and eventually CW QSO's with as many stations as I can squeeze out of the OCFD antenna rigged up out back as I can.

Mike AD7VV
North Pole, AK

# 20065. Re: IC-706 original no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-08 12:19:13 UTC
From: Tom Root
Topic: 20048  Message: 20065

Matt Adrian (KD8ZB) (ICOM Service Center-Michigan) in St. Joseph, Michigan is a good man....I've met him, and used his services more than once..he's a former Heathkit (Benton Harbor) tech person..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20066. Re: Remote mounting- how to go 350 yards?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-08 23:09:28 UTC
From: john baker
Topic: 20017  Message: 20066

Mark,
That is very cool! I hadn't heard of that before but, as involved as computers are not in ham now, I am not suprised.

It does sound like the hot ticket. Let us know how you like it.

God bless
73
jb
kg6biw

Thu Oct 4, 2012 8:42 pm (PDT) . Posted by: "Mark" m62065 <m62065@...?subject=Re%3A%20Remote%20mounting-%20how%20to%20go%20350%20yards%3F>
I was tuning across the bands last night and on 17 meters heard a guy talking about controlling his 706 over the internet, so I waited for a gap then jumped in and asked him about it. He uses a device made by Remote Rig:

http://www.remoteri**g.com/wp/ <http://www.remoterig.com/wp/>

And you can use it with a couple of wireless routers so at this point in time this looks like the best option to do this. The equipment isn't cheap but as I just commented in an email to a member of this group it would be cheaper that 1,000 feet of 9913.

[Non-text portions of this message have been removed]

# 20067. CI-V Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-09 18:30:53 UTC
From: ltodd3
Topic: 20067  Message: 20067

I recently sold the IC-706MKIIG I had in my truck, which I was using with a Tarheel 200 screwdriver antenna. The antenna and radio worked perfectly. I have since taken the IC-706MKIIG from the shack and put it in the truck, but can't seem to get it to activate the Turbo Tuner for the screwdriver antenna. Nothing has changed on the truck except the radio. I reset the radio to the default settings, still nothing when I press the tuner button. The red lite does comes on briefly then goes out. Anyone ever had this problem?

NT4F

# 20068. Re: [ic706] CI-V Output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-09 20:51:37 UTC
From: Jack
Topic: 20067  Message: 20068

get the booklet for the tuner out and set the CIV to the correct setting.

-----Original Message-----
From: ltodd3
Sent: Tuesday, October 09, 2012 2:30 PM
To: ic706@yahoogroups.com
Subject: [ic706] CI-V Output

I recently sold the IC-706MKIIG I had in my truck, which I was using with a Tarheel 200 screwdriver antenna. The antenna and radio worked perfectly. I have since taken the IC-706MKIIG from the shack and put it in the truck, but can't seem to get it to activate the Turbo Tuner for the screwdriver antenna. Nothing has changed on the truck except the radio. I reset the radio to the default settings, still nothing when I press the tuner button. The red lite does comes on briefly then goes out. Anyone ever had this problem?

NT4F

---

Yahoo! Groups Links

# 20069. Disabled antenna socket on 706MkII

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-09 22:15:15 UTC
From: Ray
Topic: 20069  Message: 20069

Hi Group,

My 706MkII (NOT G) is working flawlessly but the antenna sockets appear to be disabled from 60 to 144MHz and from 148MHz up. My manual has a WFM sensitivity listing for the 88-108MHz range but the antennas are disabled across this band.

I would like to Rx in the 60-144MHz part of the spectrum.

Is there a trick that I do not know, do I have a deficiency between my right and left ears, do I need to remove a diode or two, does my rig have a problem or am I asking the impossible ?

Any help would be appreciated.

Ray

# 20070. Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 01:34:26 UTC
From: Dennis
Topic: 20070  Message: 20070

What cable should I use to connect my Icom 706MKIIG to a Kantronics KPC3+ ?

# 20071. Re: [ic706] Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 01:44:24 UTC
From: LARRY J. FORD
Topic: 20070  Message: 20071

The "smart aleck" answer would be "One that works!"

Seriously, probably need to use the 13-pin DIN ACCESSORY PORT on the rear of the MKII (I have one) for the best connection to the KPC3+, so I'd recommend going to the BUXCOMM website, and pick out what you need:
http://www.packetradio.com/catalog/index.php?main_page=index&cPath=4

Unless you're going to "home brew" a cable. I have a 706 MKII that I intend to connect to the VHF port on a Kantronics KAM+ for local packet connections to a VHF RMS Express/Winlink RMS server, and I'm using the 13-pin DIN ACCESSORY Port, rather than the Mic Jack, which is the other option.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 09 Oct 2012 09:34:37 PM EDT
From: "Dennis" <me@...>
To: ic706@yahoogroups.com
Subject: [ic706] Cable for Packet Modem/TNC

> What cable should I use to connect my Icom 706MKIIG to a Kantronics KPC3+ ?
>
>

# 20072. Re: [ic706] Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 02:05:37 UTC
From: Dennis David
Topic: 20070  Message: 20072

The VHF Port you refer to is the DB9 Radio Port 2?

Regards,
Dennis David

Sent from my iPhone

On Oct 9, 2012, at 6:44 PM, "LARRY J. FORD" <lford@usa.net> wrote:

> The "smart aleck" answer would be "One that works!"
>
> Seriously, probably need to use the 13-pin DIN ACCESSORY PORT on the rear of
> the MKII (I have one) for the best connection to the KPC3+, so I'd recommend
> going to the BUXCOMM website, and pick out what you need:
> http://www.packetradio.com/catalog/index.php?main_page=index&cPath=4
>
> Unless you're going to "home brew" a cable. I have a 706 MKII that I intend
> to connect to the VHF port on a Kantronics KAM+ for local packet connections
> to a VHF RMS Express/Winlink RMS server, and I'm using the 13-pin DIN
> ACCESSORY Port, rather than the Mic Jack, which is the other option.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Tue, 09 Oct 2012 09:34:37 PM EDT
> From: "Dennis" <me@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Cable for Packet Modem/TNC
>
> > What cable should I use to connect my Icom 706MKIIG to a Kantronics KPC3+ ?
> > >
> > >
>
>

[Non-text portions of this message have been removed]

# 20073. Re: [ic706] Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 13:54:21 UTC
From: LARRY J. FORD
Topic: 20070  Message: 20073

Which TNC are you asking about the KAM+ (actually, a Kantronics All-Mode, upgraded to emulate a KAM+) or the KPC3+?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 09 Oct 2012 10:06:03 PM EDT
From: Dennis David <me@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Cable for Packet Modem/TNC

> The VHF Port you refer to is the DB9 Radio Port 2?
>
> Regards,
> Dennis David
>
> Sent from my iPhone
>
> On Oct 9, 2012, at 6:44 PM, "LARRY J. FORD" <lford@...> wrote:
>
> > The "smart aleck" answer would be "One that works!"
> >
> > Seriously, probably need to use the 13-pin DIN ACCESSORY PORT on the rear of
> > the MKII (I have one) for the best connection to the KPC3+, so I'd recommend
> > going to the BUXCOMM website, and pick out what you need:
> > http://www.packetradio.com/catalog/index.php?main_page=index&cPath=4
> >
> > Unless you're going to "home brew" a cable. I have a 706 MKII that I intend
> > to connect to the VHF port on a Kantronics KAM+ for local packet connections
> > to a VHF RMS Express/Winlink RMS server, and I'm using the 13-pin DIN
> > ACCESSORY Port, rather than the Mic Jack, which is the other option.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Tue, 09 Oct 2012 09:34:37 PM EDT
> > From: "Dennis" <me@...>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Cable for Packet Modem/TNC

> >
> > > What cable should I use to connect my Icom 706MKIIG to a Kantronics
KPC3+ ?
> > >
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 20074. Re: [ic706] Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 15:32:13 UTC
From: Dennis David
Topic: 20070  Message: 20074

KPC3+

Regards,
Dennis David

Sent from my iPhone

On Oct 10, 2012, at 6:54 AM, "LARRY J. FORD" <lford@...> wrote:

> Which TNC are you asking about the KAM+ (actually, a Kantronics All-Mode,
> upgraded to emulate a KAM+) or the KPC3+?
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Tue, 09 Oct 2012 10:06:03 PM EDT
> From: Dennis David <me@...>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Subject: Re: [ic706] Cable for Packet Modem/TNC
>
> > The VHF Port you refer to is the DB9 Radio Port 2?
> > >
> > > Regards,
> > > Dennis David
> > >
> > > Sent from my iPhone
> > >
> > > On Oct 9, 2012, at 6:44 PM, "LARRY J. FORD" <lford@usa.net> wrote:
> > >
> > > > The "smart aleck" answer would be "One that works!"
> > > >
> > > > Seriously, probably need to use the 13-pin DIN ACCESSORY PORT on the rear
> of
> > > > the MKII (I have one) for the best connection to the KPC3+, so I'd
> recommend
> > > > going to the BUXCOMM website, and pick out what you need:
> > > > http://www.packetradio.com/catalog/index.php?main_page=index&cPath=4
> > > >
> > > > Unless you're going to "home brew" a cable. I have a 706 MKII that I
> intend
> > > > to connect to the VHF port on a Kantronics KAM+ for local packet
> connections
> > > > to a VHF RMS Express/Winlink RMS server, and I'm using the 13-pin DIN
> > > > ACCESSORY Port, rather than the Mic Jack, which is the other option.

> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ------ Original Message ------
> > > Received: Tue, 09 Oct 2012 09:34:37 PM EDT
> > > From: "Dennis" <me@...m>
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] Cable for Packet Modem/TNC
> > >
> > > > > What cable should I use to connect my Icom 706MKIIG to a Kantronics
> KPC3+ ?
> > > > >
> > > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20075. Re: [ic706] Cable for Packet Modem/TNC

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-10 17:39:58 UTC
From: LARRY J. FORD
Topic: 20070  Message: 20075

I don't have the KPC3+; the other fellow to whom I was replying does. I have the KAM+

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 10 Oct 2012 11:32:35 AM EDT
From: Dennis David <me@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Cable for Packet Modem/TNC

> KPC3+
>
> Regards,
> Dennis David
>
> Sent from my iPhone
>
> On Oct 10, 2012, at 6:54 AM, "LARRY J. FORD" <lford@...t> wrote:
>
> > Which TNC are you asking about the KAM+ (actually, a Kantronics All-Mode,
> > upgraded to emulate a KAM+) or the KPC3+?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Tue, 09 Oct 2012 10:06:03 PM EDT
> > From: Dennis David <me@...>
> > To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> > Subject: Re: [ic706] Cable for Packet Modem/TNC
> >
> > > The VHF Port you refer to is the DB9 Radio Port 2?
> > >
> > > Regards,
> > > Dennis David
> > >
> > > Sent from my iPhone
> > >
> > > On Oct 9, 2012, at 6:44 PM, "LARRY J. FORD" <lford@...> wrote:
> > >
> > > > The "smart aleck" answer would be "One that works!"
> > > >
> > > > Seriously, probably need to use the 13-pin DIN ACCESSORY PORT on the

rear
> > of
> > > > the MKII (I have one) for the best connection to the KPC3+, so I'd
> > recommend
> > > > going to the BUXCOMM website, and pick out what you need:
> > > > http://www.packetradio.com/catalog/index.php?main_page=index&cPath=4
> > > >
> > > > Unless you're going to "home brew" a cable. I have a 706 MKII that I
> > intend
> > > > to connect to the VHF port on a Kantronics KAM+ for local packet
> > connections
> > > > to a VHF RMS Express/Winlink RMS server, and I'm using the 13-pin DIN
> > > > ACCESSORY Port, rather than the Mic Jack, which is the other option.
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: Tue, 09 Oct 2012 09:34:37 PM EDT
> > > > From: "Dennis" <me@...>
> > > > To: ic706@yahoogroups.com
> > > > Subject: [ic706] Cable for Packet Modem/TNC
> > > >
> > > > > What cable should I use to connect my Icom 706MKIIG to a Kantronics
> > KPC3+ ?
> > > > >
> > > > > >
> > > > >
> > > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 20076. The IC706 MKII has arrived ...

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-12 01:04:28 UTC
From: Misha
Topic: 20067  Message: 20076

Fellow list members; my IC706 MKII with the AT-180 auto tuner has arrived today via FedEx .... I've printed out the manual, made connections and am going to let it warm up and after dinner will try to see if it'll make sense out of the atmospherics going on up here in Alaska .... now off to dinner ...
Keep warm all, and God bless.

Mike AD7VV

# 20077. Re:f

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 13:01:44 UTC
From: Terry England
Topic: 20077  Message: 20077

Have a nice day! http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda

# 20078. IC-706 vs IC-7000 power cord connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 18:48:25 UTC
From: Craig Pitcher
Topic: 20077  Message: 20078

I am replacing my trusty IC-706 in my mobile with a recently acquired IC-7000. I'd like to use my already battery connected power cord on the new radio. Does anyone know for sure if the power plugs are wired the same?

Thanks,

Craig
W6ADV

See the W6ADV spark gap radio collection at:
<http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/>
http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Terry England
Sent: Thursday, October 18, 2012 6:02 AM
To: Ka9dzr@...; nn2e@...; n0jsn@...; gwhink41@...; jordyboo2001@...; ic706@yahoogroups.com; twr56@...; wa9eic@...; dchowie19570@...
Subject: [ic706] Re:f

Have a nice day!
http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda

[Non-text portions of this message have been removed]

# 20079. Re: [ic706] IC-706 vs IC-7000 power cord connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 18:54:46 UTC
From: Mike Willis
Topic: 20077  Message: 20079

They are NOT wired the same, but you can buy an aftermarket adapter.
Enjoy!

On Thu, Oct 18, 2012 at 2:48 PM, Craig Pitcher <cpitcher@...> wrote:

> **
>
>
> I am replacing my trusty IC-706 in my mobile with a recently acquired
> IC-7000. I'd like to use my already battery connected power cord on the new
> radio. Does anyone know for sure if the power plugs are wired the same?
>
> Thanks,
>
>
> Craig
> W6ADV
>
> See the W6ADV spark gap radio collection at:
> <http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/>
> http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Terry England
> Sent: Thursday, October 18, 2012 6:02 AM
> To: Ka9dzr@...; nn2e@...; n0jsn@...; gwhink41@...;
> jordyboo2001@...; ic706@yahoogroups.com; twr56@...;
> wa9eic@...; dchowie19570@...
> Subject: [ic706] Re:f
>
>
>
> Have a nice day!
> http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda
>
> [Non-text portions of this message have been removed]
>
>
>

--
Mike

[Non-text portions of this message have been removed]

# 20080. Re: [ic706] IC-706 vs IC-7000 power cord connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 18:54:38 UTC
From: John G.
Topic: 20077  Message: 20080

They use different plugs. The 7000 uses the 4 pin molex jack that most new radios are going to.

John AF5CC

----- Original Message -----
From: Craig Pitcher
To: ic706@yahoogroups.com
Sent: Thursday, October 18, 2012 6:48 PM
Subject: [ic706] IC-706 vs IC-7000 power cord connections

I am replacing my trusty IC-706 in my mobile with a recently acquired IC-7000. I'd like to use my already battery connected power cord on the new radio. Does anyone know for sure if the power plugs are wired the same?

Thanks,

Craig
W6ADV

See the W6ADV spark gap radio collection at:
<http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/>
http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Terry England
Sent: Thursday, October 18, 2012 6:02 AM
To: Ka9dzr@...; nn2e@...; n0jsn@...; gwhink41@...; jordyboo2001@...; ic706@yahoogroups.com; twr56@...; wa9eic@...; dchowie19570@...
Subject: [ic706] Re:f

Have a nice day!
http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20081. RE: [ic706] IC-706 vs IC-7000 power cord connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 19:27:28 UTC
From: Craig Pitcher
Topic: 20077  Message: 20081

Thanks to all who responded to my question on the power plug.

Craig
W6ADV

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John G.
Sent: Thursday, October 18, 2012 11:55 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC-706 vs IC-7000 power cord connections

They use different plugs. The 7000 uses the 4 pin molex jack that most new radios are going to.

John AF5CC

----- Original Message -----
From: Craig Pitcher
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Thursday, October 18, 2012 6:48 PM
Subject: [ic706] IC-706 vs IC-7000 power cord connections

I am replacing my trusty IC-706 in my mobile with a recently acquired IC-7000. I'd like to use my already battery connected power cord on the new radio. Does anyone know for sure if the power plugs are wired the same?

Thanks,

Craig
W6ADV

See the W6ADV spark gap radio collection at:
<http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/>
http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/

From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
Terry England
Sent: Thursday, October 18, 2012 6:02 AM
To: Ka9dzr@... <mailto:Ka9dzr%40aol.com> ; nn2e@... <mailto:nn2e%40vci.net> ; n0jsn@... <mailto:n0jsn%40yahoo.com> ; gwhink41@... <mailto:gwhink41%40msn.com> ; jordyboo2001@... <mailto:jordyboo2001%40aol.com> ; ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ; twr56@... <mailto:twr56%40sbcglobal.net> ; wa9eic@... <mailto:wa9eic%40gmail.com> ; dchowie19570@...

<mailto:dchowie19570%40lycos.com>
Subject: [ic706] Re:f

Have a nice day!
http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20082. Re: [ic706] IC-706 vs IC-7000 power cord connections

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 19:29:02 UTC
From: Jack Foster
Topic: 20077  Message: 20082

Yes they are the same
On Oct 18, 2012 2:48 PM, "Craig Pitcher" <cpitcher@...> wrote:

> I am replacing my trusty IC-706 in my mobile with a recently acquired
> IC-7000. I'd like to use my already battery connected power cord on the
> new
> radio. Does anyone know for sure if the power plugs are wired the same?
>
> Thanks,
>
>
> Craig
> W6ADV
>
> See the W6ADV spark gap radio collection at:
> <http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/>
> http://www.flickr.com/photos/26065097@N04/sets/72157622917441518/detail/
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Terry England
> Sent: Thursday, October 18, 2012 6:02 AM
> To: Ka9dzr@...; nn2e@...; n0jsn@...; gwhink41@...;
> jordyboo2001@...; ic706@yahoogroups.com; twr56@...;
> wa9eic@...; dchowie19570@...
> Subject: [ic706] Re:f
>
>
>
> Have a nice day!
> http://arabona-kamenarstvo.sk/nbcnewsat12.php?slinkFriend=afda
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 20083. MKIIG NO RX, TX after warmup reference loop 0.13V on pars of HF bands

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 19:26:58 UTC
From: Edwin-
Topic: 20083  Message: 20083

Hello,

The strangest thing happens wit a 706MKIIG

The is NO TX and RX on pars of HF and low-VHF bands after "warmup".

Only parts of bands functional, approx:

1.3 - 2.5
4.49 - 6.00
7.69 - 9.00
10.88 - 12.5
14.075 - 15.5
17.27 - 19.0
20.47 - 22.0
23.67 - 25.5
26.86 - 28.5
30.06 - 32.0
33.25 - 35.0
36.45 - 38.5
39.64 - 41.5
42.84 - 45.0
46.04 - 48.0
49.23 - 51.5
52.43 - 54.5
55.62 - 58.0
58.82 - 61.0
62.10 - 65.0
65.21 - 68.0
68.41 - 71.0
71.60 - 74.0
74.80 - 87.0
87.58 - 97.0
97.17 - 100.0
100.35 - 113.0
V and UHF functional
113.14 - 200.0
200.00 - 470.00

On parts of bands outside of table above. Reference loop VCO volatege disappears. (0.13V)

Before warmup all frequencies functional.

VCO volatges have been checked according the the service manual. (Reference loop , and mainloop 1,2,3)

Anyone any ideas where to look for this fault? It already took sever hours and a can of cold spray, but the error just doe not come up.

Kind regards,

Edwin PE1PWF

# 20084. parts layout for 706mk2 display board

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 20:27:39 UTC
From: ve3bv
Topic: 20084  Message: 20084

after numerous attempts to repair my 706mk2, I was lucky to find a tech support rep at Icom that has led me to the possible problem.

What I need is to know the location of r25 on the display brd.

*****note ***** the 706mk2 is layed out different then the mk2g

I have a copy of the service manual but its hard to read some parts.

any info would be appreciated

bruce
ve3bv

# 20085. Re: [ic706] parts layout for 706mk2 display board

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-18 20:41:06 UTC
From: Jack
Topic: 20084  Message: 20085

have you considered calling Icom back and asking them to tell you where?
they are normally very helpful like that.

-----Original Message-----
From: ve3bv
Sent: Thursday, October 18, 2012 4:27 PM
To: ic706@yahoogroups.com
Subject: [ic706] parts layout for 706mk2 display board

after numerous attempts to repair my 706mk2, I was lucky to find a tech
support rep at Icom that has led me to the possible problem.

What I need is to know the location of r25 on the display brd.

*****note ***** the 706mk2 is layed out different then the mk2g

I have a copy of the service manual but its hard to read some parts.

any info would be appreciated

bruce
ve3bv

------------------------------------

Yahoo! Groups Links

# 20086. RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-19 13:23:01 UTC
From: Robert
Topic: 20086  Message: 20086

I have an IC706mk2g that puts out 150 watts on all HF bands. The power was measured with a bird wattmeter into a 50 ohm load. Also the internal power meter only reads 50 watts and the SWR indicator does not work. The internal HF power control has no effect. The power can be reduced by the front panel control but to get it to 100 watts I need to reduce the dial to 2 which originally was about 20 watts. I tried the Set Mode procedure in the service manual which had no effect. Has anyone experienced this problem? Thank You.

# 20087. Re: [ic706] RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 01:35:12 UTC
From: Wayne Bowyer
Topic: 20086  Message: 20087

A guess here but have you tried a cpu reset? Something is certainly over the top here. I've never heard of 150 w out on any 706. I have a G model as well, have never seen over 100-110 into a good meter and load (13.8vdc). I would think you would be in danger of cooking something if you let it push that much out for very long. (if not already) My light bulb doesn't burn very bright these days--sorry I can't be of much help.

Wayne
n4eyz

On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:

> **
>
>
> I have an IC706mk2g that puts out 150 watts on all HF bands. The power was
> measured with a bird wattmeter into a 50 ohm load. Also the internal power
> meter only reads 50 watts and the SWR indicator does not work. The internal
> HF power control has no effect. The power can be reduced by the front panel
> control but to get it to 100 watts I need to reduce the dial to 2 which
> originally was about 20 watts. I tried the Set Mode procedure in the
> service manual which had no effect. Has anyone experienced this problem?
> Thank You.
>
>
>

[Non-text portions of this message have been removed]

# 20088. Re: [ic706] RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 04:36:33 UTC
From: LARRY J. FORD
Topic: 20086  Message: 20088

Did you buy it new or used?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 21 Oct 2012 08:13:47 PM EDT
From: "Robert" <n22dr@...>
To: ic706@yahoogroups.com
Subject: [ic706] RF output power high

> I have an IC706mk2g that puts out 150 watts on all HF bands. The power was measured with a bird wattmeter into a 50 ohm load. Also the internal power meter only reads 50 watts and the SWR indicator does not work. The internal HF power control has no effect. The power can be reduced by the front panel control but to get it to 100 watts I need to reduce the dial to 2 which originally was about 20 watts. I tried the Set Mode procedure in the service manual which had no effect. Has anyone experienced this problem? Thank You.
>
>

# 20089. Re: [ic706] RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 04:45:34 UTC
From: LARRY J. FORD
Topic: 20086  Message: 20089

706s are notorious for "leading edge power spikes" that can hit 150+ watts, but that is merely a peak output momentarily, which then falls off to rated output.

Unless that rig has been "tweaked" with a Golden Screwdriver, it would not sustain such power output levels.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
From: Wayne Bowyer <wayne.bowyer@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] RF output power high

> A guess here but have you tried a cpu reset? Something is certainly over
> the top here. I've never heard of 150 w out on any 706. I have a G model as
> well, have never seen over 100-110 into a good meter and load (13.8vdc). I
> would think you would be in danger of cooking something if you let it push
> that much out for very long. (if not already) My light bulb doesn't burn
> very bright these days--sorry I can't be of much help.
>
> Wayne
> n4eyz
>
> On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
>
> > **
> > >
> > >
> > > I have an IC706mk2g that puts out 150 watts on all HF bands. The power
was
> > > measured with a bird wattmeter into a 50 ohm load. Also the internal
power
> > > meter only reads 50 watts and the SWR indicator does not work. The
internal
> > > HF power control has no effect. The power can be reduced by the front
panel
> > > control but to get it to 100 watts I need to reduce the dial to 2 which
> > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > service manual which had no effect. Has anyone experienced this problem?
> > > Thank You.
> > >
> > >
> > >

>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20090. Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 07:12:22 UTC
From: gunnystungun
Topic: 20086  Message: 20090

The question was asked if it was new or used. My question, if it was used, has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS. Certainly does sound like the golden screwdriver to me.
How long will it last is a question for someone else.

Ron KG4MLO

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> 706s are notorious for "leading edge power spikes" that can hit 150+ watts,
> but that is merely a peak output momentarily, which then falls off to rated
> output.
>
> Unless that rig has been "tweaked" with a Golden Screwdriver, it would not
> sustain such power output levels.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> From: Wayne Bowyer <wayne.bowyer@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] RF output power high
>
> > A guess here but have you tried a cpu reset? Something is certainly over
> > the top here. I've never heard of 150 w out on any 706. I have a G model as
> > well, have never seen over 100-110 into a good meter and load (13.8vdc). I
> > would think you would be in danger of cooking something if you let it push
> > that much out for very long. (if not already) My light bulb doesn't burn
> > very bright these days--sorry I can't be of much help.
> >
> > Wayne
> > n4eyz
> >
> > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> >
> > > **
> > >
> > >
> > > I have an IC706mk2g that puts out 150 watts on all HF bands. The power
> was

> > > measured with a bird wattmeter into a 50 ohm load. Also the internal
> power
> > > meter only reads 50 watts and the SWR indicator does not work. The
> internal
> > > HF power control has no effect. The power can be reduced by the front
> panel
> > > control but to get it to 100 watts I need to reduce the dial to 2 which
> > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > service manual which had no effect. Has anyone experienced this problem?
> > > Thank You.
> > >
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

# 20091. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 14:17:48 UTC
From: LARRY J. FORD
Topic: 20086  Message: 20091

I also asked the question of whether it was bought new or used. If used, I agree that unless a component that regulates output power has changed value, it certainly sounds like someone has been using a Golden Screwdriver.

Perhaps the original PA transistors have been swapped out for higher output transistors, if that is possible, but the question is how long before something else is blown in the process of sustaining 50% over rated high power?

I have a 706MKII and a 7200, both of which have had the MARS mod done, but neither put out over rated power except for the traditional ICOM "leading edge power spike" (although the ICOM engineers seem to have toned it down quite a bit in the 7200).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 03:15:16 AM EDT
From: "gunnystungun" <kg4mlo@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: RF output power high

> The question was asked if it was new or used. My question, if it was used, has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS. Certainly does sound like the golden screwdriver to me.
> How long will it last is a question for someone else.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > 706s are notorious for "leading edge power spikes" that can hit 150+ watts,
> > but that is merely a peak output momentarily, which then falls off to rated
> > output.
> >
> > Unless that rig has been "tweaked" with a Golden Screwdriver, it would not
> > sustain such power output levels.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >

> >
> >
> > ------ Original Message ------
> > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > From: Wayne Bowyer <wayne.bowyer@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] RF output power high
> >
> > > A guess here but have you tried a cpu reset? Something is certainly
over
> > > the top here. I've never heard of 150 w out on any 706. I have a G model
as
> > > well, have never seen over 100-110 into a good meter and load (13.8vdc).
I
> > > would think you would be in danger of cooking something if you let it
push
> > > that much out for very long. (if not already) My light bulb doesn't
burn
> > > very bright these days--sorry I can't be of much help.
> > >
> > > Wayne
> > > n4eyz
> > >
> > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
power
> > was
> > > > measured with a bird wattmeter into a 50 ohm load. Also the internal
> > power
> > > > meter only reads 50 watts and the SWR indicator does not work. The
> > internal
> > > > HF power control has no effect. The power can be reduced by the front
> > panel
> > > > control but to get it to 100 watts I need to reduce the dial to 2
which
> > > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > > service manual which had no effect. Has anyone experienced this
problem?
> > > > Thank You.
> > > >
> > > >
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >

> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
>
>
>

# 20092. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 18:05:14 UTC
From: Robert Roman
Topic: 20086  Message: 20092

The radio was purchased new and has never been modified in any way. It has been trouble free for many years. The RF power output has always been 100 watts, after a recient special event I noticed the internal power meter reading high and put a bird wattmeter and dummy load on the output it is a good solid 150 watts. I assume something was damaged during the special event but have not been able to isolate the component yet.  Thanks for your comments.

Bob N2DR

--- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@...>
Subject: Re: [ic706] Re: RF output power high
To: ic706@yahoogroups.com
Date: Monday, October 22, 2012, 10:17 AM

I also asked the question of whether it was bought new or used. If used, I agree that unless a component that regulates output power has changed value, it certainly sounds like someone has been using a Golden Screwdriver.

Perhaps the original PA transistors have been swapped out for higher output transistors, if that is possible, but the question is how long before something else is blown in the process of sustaining 50% over rated high power?

I have a 706MKII and a 7200, both of which have had the MARS mod done, but neither put out over rated power except for the traditional ICOM "leading edge power spike" (although the ICOM engineers seem to have toned it down quite a bit in the 7200).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 03:15:16 AM EDT
From: "gunnystungun" <kg4mlo@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: RF output power high

> The question was asked if it was new or used. My question, if it was used, has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS. Certainly does sound like the golden screwdriver to me.
> How long will it last is a question for someone else.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:

> >
> > 706s are notorious for "leading edge power spikes" that can hit 150+
watts,
> > but that is merely a peak output momentarily, which then falls off to
rated
> > output.
> >
> > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
not
> > sustain such power output levels.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ------ Original Message ------
> > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > From: Wayne Bowyer <wayne.bowyer@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] RF output power high
> >
> > > A guess here but have you tried a cpu reset? Something is certainly
over
> > > the top here. I've never heard of 150 w out on any 706. I have a G model
as
> > > well, have never seen over 100-110 into a good meter and load (13.8vdc).
I
> > > would think you would be in danger of cooking something if you let it
push
> > > that much out for very long. (if not already) My light bulb doesn't
burn
> > > very bright these days--sorry I can't be of much help.
> > >
> > > Wayne
> > > n4eyz
> > >
> > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
power
> > was
> > > > measured with a bird wattmeter into a 50 ohm load. Also the internal
> > power
> > > > meter only reads 50 watts and the SWR indicator does not work. The
> > internal

> > > > HF power control has no effect. The power can be reduced by the front
> > panel
> > > > control but to get it to 100 watts I need to reduce the dial to 2
which
> > > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > > service manual which had no effect. Has anyone experienced this
problem?
> > > > Thank You.
> > > >
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
> > >
> >
>
>
>

[Non-text portions of this message have been removed]

# 20093. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 18:30:43 UTC
From: LARRY J. FORD
Topic: 20086  Message: 20093

I believe I would also check it against another known accurate wattmeter.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 02:05:37 PM EDT
From: Robert Roman <n22dr@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: RF output power high

> The radio was purchased new and has never been modified in any way. It has
been trouble free for many years. The RF power output has always been 100
watts, after a recient special event I noticed the internal power meter
reading high and put a bird wattmeter and dummy load on the output it is a
good solid 150 watts. I assume something was damaged during the special event
but have not been able to isolate the component yet.  Thanks for your
comments.
>
> Bob N2DR
>
> --- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:
>
>
> From: LARRY J. FORD <lford@...>
> Subject: Re: [ic706] Re: RF output power high
> To: ic706@yahoogroups.com
> Date: Monday, October 22, 2012, 10:17 AM
>
>
>
>
>
>
>
> I also asked the question of whether it was bought new or used. If used, I
> agree that unless a component that regulates output power has changed
value,
> it certainly sounds like someone has been using a Golden Screwdriver.
>
> Perhaps the original PA transistors have been swapped out for higher output
> transistors, if that is possible, but the question is how long before
> something else is blown in the process of sustaining 50% over rated high
> power?
>
> I have a 706MKII and a 7200, both of which have had the MARS mod done, but

> neither put out over rated power except for the traditional ICOM "leading
edge
> power spike" (although the ICOM engineers seem to have toned it down quite
a
> bit in the 7200).
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> From: "gunnystungun" <kg4mlo@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: RF output power high
>
> > The question was asked if it was new or used. My question, if it was
used,
> has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS.
> Certainly does sound like the golden screwdriver to me.
> > How long will it last is a question for someone else.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > >
> > > 706s are notorious for "leading edge power spikes" that can hit 150+
> watts,
> > > but that is merely a peak output momentarily, which then falls off to
> rated
> > > output.
> > >
> > > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
> not
> > > sustain such power output levels.
> > >
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > >
> > > ------ Original Message ------
> > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > From: Wayne Bowyer <wayne.bowyer@...>
> > > To: ic706@yahoogroups.com
> > > Subject: Re: [ic706] RF output power high
> > >
> > > > A guess here but have you tried a cpu reset? Something is certainly

> over
> > > > the top here. I've never heard of 150 w out on any 706. I have a G
model
> as
> > > > well, have never seen over 100-110 into a good meter and load
(13.8vdc).
> I
> > > > would think you would be in danger of cooking something if you let it
> push
> > > > that much out for very long. (if not already) My light bulb doesn't
> burn
> > > > very bright these days--sorry I can't be of much help.
> > > >
> > > > Wayne
> > > > n4eyz
> > > >
> > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > >
> > > > > **
> > > > >
> > > > >
> > > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
> power
> > > was
> > > > > measured with a bird wattmeter into a 50 ohm load. Also the
internal
> > > power
> > > > > meter only reads 50 watts and the SWR indicator does not work. The
> > > internal
> > > > > HF power control has no effect. The power can be reduced by the
front
> > > panel
> > > > > control but to get it to 100 watts I need to reduce the dial to 2
> which
> > > > > originally was about 20 watts. I tried the Set Mode procedure in
the
> > > > > service manual which had no effect. Has anyone experienced this
> problem?
> > > > > Thank You.
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >

> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20094. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 19:52:39 UTC
From: Wayne Bowyer
Topic: 20086  Message: 20094

I find it a bit sad that some hams are the same regardless of the forum. We are too quick to lay blame on the "golden screwdriver". So what? And the "golden screwdriver" always references derogatorily someone from the CB ranks. Again so what?? I've been a ham since 1978 and I was a CB'er for near 10 yrs prior to that. I imagine a darn big percentage of hams came from cb radio. I see the "holier than thou" attitude so very much on QRZ. Instead of making unfounded assumptions we could possibly ask more questions and honestly try to help the OP out?

regards
Wayne Bowyer
n4eyz

On Mon, Oct 22, 2012 at 2:05 PM, Robert Roman <n22dr@...> wrote:

> **
>
>
> The radio was purchased new and has never been modified in any way. It has
> been trouble free for many years. The RF power output has always been 100
> watts, after a recient special event I noticed the internal power meter
> reading high and put a bird wattmeter and dummy load on the output it is a
> good solid 150 watts. I assume something was damaged during the special
> event but have not been able to isolate the component yet. Thanks for your
> comments.
>
> Bob N2DR
>
> --- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:
>
> From: LARRY J. FORD <lford@...>
> Subject: Re: [ic706] Re: RF output power high
> To: ic706@yahoogroups.com
> Date: Monday, October 22, 2012, 10:17 AM
>
>
>
> I also asked the question of whether it was bought new or used. If used, I
> agree that unless a component that regulates output power has changed
> value,
> it certainly sounds like someone has been using a Golden Screwdriver.
>
> Perhaps the original PA transistors have been swapped out for higher output
> transistors, if that is possible, but the question is how long before
> something else is blown in the process of sustaining 50% over rated high
> power?

>
> I have a 706MKII and a 7200, both of which have had the MARS mod done, but
> neither put out over rated power except for the traditional ICOM "leading
> edge
> power spike" (although the ICOM engineers seem to have toned it down quite
> a
> bit in the 7200).
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> From: "gunnystungun" <kg4mlo@bluestreakisp.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: RF output power high
>
> > The question was asked if it was new or used. My question, if it was
> used,
> has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS.
> Certainly does sound like the golden screwdriver to me.
> > How long will it last is a question for someone else.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > >
> > > 706s are notorious for "leading edge power spikes" that can hit 150+
> watts,
> > > but that is merely a peak output momentarily, which then falls off to
> rated
> > > output.
> > >
> > > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
> not
> > > sustain such power output levels.
> > >
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > >
> > > ------ Original Message ------
> > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > From: Wayne Bowyer <wayne.bowyer@...>
> > > To: ic706@yahoogroups.com
> > > Subject: Re: [ic706] RF output power high
> > >
> > > > A guess here but have you tried a cpu reset? Something is certainly

> over
> > > > the top here. I've never heard of 150 w out on any 706. I have a G
> model
> as
> > > > well, have never seen over 100-110 into a good meter and load
> (13.8vdc).
> I
> > > > would think you would be in danger of cooking something if you let it
> push
> > > > that much out for very long. (if not already) My light bulb doesn't
> burn
> > > > very bright these days--sorry I can't be of much help.
> > > >
> > > > Wayne
> > > > n4eyz
> > > >
> > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > >
> > > > > **
> > > > >
> > > > >
> > > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
> power
> > > was
> > > > > measured with a bird wattmeter into a 50 ohm load. Also the
> internal
> > > power
> > > > > meter only reads 50 watts and the SWR indicator does not work. The
> > > internal
> > > > > HF power control has no effect. The power can be reduced by the
> front
> > > panel
> > > > > control but to get it to 100 watts I need to reduce the dial to 2
> which
> > > > > originally was about 20 watts. I tried the Set Mode procedure in
> the
> > > > > service manual which had no effect. Has anyone experienced this
> problem?
> > > > > Thank You.
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >

> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 20095. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 20:01:20 UTC
From: LARRY J. FORD
Topic: 20086  Message: 20095

You're entitled to your opinion, but your opinion does not necessarily equate to a "fact."

You apparently ignore the "IF" in my statement below. No assumption was made, merely questions raised.

The operator explained that no modifications have been made, which changes the focus of the inquiry, as I stated below, to whether " ... a component that regulates output power has changed value ... ."

How are you helping by casting aspersions on other hams for merely speculating as to causes?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 03:52:54 PM EDT
From: Wayne Bowyer <wayne.bowyer@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: RF output power high

> I find it a bit sad that some hams are the same regardless of the forum. We
> are too quick to lay blame on the "golden screwdriver". So what? And the
> "golden screwdriver" always references derogatorily someone from the CB
> ranks. Again so what?? I've been a ham since 1978 and I was a CB'er for
> near 10 yrs prior to that. I imagine a darn big percentage of hams came
> from cb radio. I see the "holier than thou" attitude so very much on QRZ.
> Instead of making unfounded assumptions we could possibly ask more
> questions and honestly try to help the OP out?
>
> regards
> Wayne Bowyer
> n4eyz
>
> On Mon, Oct 22, 2012 at 2:05 PM, Robert Roman <n22dr@...> wrote:
>
> > **
> >
> >
> > The radio was purchased new and has never been modified in any way. It
has
> > been trouble free for many years. The RF power output has always been 100
> > watts, after a recient special event I noticed the internal power meter
> > reading high and put a bird wattmeter and dummy load on the output it is
a

> > good solid 150 watts. I assume something was damaged during the special
> > event but have not been able to isolate the component yet. Thanks for
your
> > comments.
> >
> > Bob N2DR
> >
> > --- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:
> >
> > From: LARRY J. FORD <lford@...>
> > Subject: Re: [ic706] Re: RF output power high
> > To: ic706@yahoogroups.com
> > Date: Monday, October 22, 2012, 10:17 AM
> >
> >
> >
> > I also asked the question of whether it was bought new or used. If used,
I
> > agree that unless a component that regulates output power has changed
> > value,
> > it certainly sounds like someone has been using a Golden Screwdriver.
> >
> > Perhaps the original PA transistors have been swapped out for higher
output
> > transistors, if that is possible, but the question is how long before
> > something else is blown in the process of sustaining 50% over rated high
> > power?
> >
> > I have a 706MKII and a 7200, both of which have had the MARS mod done,
but
> > neither put out over rated power except for the traditional ICOM "leading
> > edge
> > power spike" (although the ICOM engineers seem to have toned it down
quite
> > a
> > bit in the 7200).
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ------ Original Message ------
> > Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> > From: "gunnystungun" <kg4mlo@bluestreakisp.com>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Re: RF output power high
> >
> > > The question was asked if it was new or used. My question, if it was
> > used,
> > has the CB/MARS mod been done?? OH oh....typo....that should read
CAP/MARS.

> > Certainly does sound like the golden screwdriver to me.
> > > How long will it last is a question for someone else.
> > >
> > > Ron KG4MLO
> > >
> > > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > > >
> > > > 706s are notorious for "leading edge power spikes" that can hit 150+
> > watts,
> > > > but that is merely a peak output momentarily, which then falls off to
> > rated
> > > > output.
> > > >
> > > > Unless that rig has been "tweaked" with a Golden Screwdriver, it
would
> > not
> > > > sustain such power output levels.
> > > >
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > >
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > > From: Wayne Bowyer <wayne.bowyer@...>
> > > > To: ic706@yahoogroups.com
> > > > Subject: Re: [ic706] RF output power high
> > > >
> > > > > A guess here but have you tried a cpu reset? Something is certainly
> > over
> > > > > the top here. I've never heard of 150 w out on any 706. I have a G
> > model
> > as
> > > > > well, have never seen over 100-110 into a good meter and load
> > (13.8vdc).
> > I
> > > > > would think you would be in danger of cooking something if you let
it
> > push
> > > > > that much out for very long. (if not already) My light bulb doesn't
> > burn
> > > > > very bright these days--sorry I can't be of much help.
> > > > >
> > > > > Wayne
> > > > > n4eyz
> > > > >
> > > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > > >

> > > > > > **
> > > > > > >
> > > > > > >
> > > > > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
> > power
> > > > > was
> > > > > > > measured with a bird wattmeter into a 50 ohm load. Also the
> > internal
> > > > > power
> > > > > > > meter only reads 50 watts and the SWR indicator does not work.
The
> > > > internal
> > > > > > > HF power control has no effect. The power can be reduced by the
> > front
> > > > panel
> > > > > > > control but to get it to 100 watts I need to reduce the dial to 2
> > which
> > > > > > > originally was about 20 watts. I tried the Set Mode procedure in
> > the
> > > > > > > service manual which had no effect. Has anyone experienced this
> > problem?
> > > > > > > Thank You.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > Yahoo! Groups Links
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > >
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
>
> [Non-text portions of this message have been removed]
>

>
>
> ---
>
> Yahoo! Groups Links
>
>
>

# 20096. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 20:15:51 UTC
From: Andy Cox
Topic: 20086  Message: 20096

I very rarly reply to this group, but always read each "post" with interest
I would like to say well done to you Wayne,
It's the same the World over,I have had comments in the past when I was a UK foundation licence holder
m3  (English)  call and 10 watts max output, and limited frequencies available back in 2003

I still hear it now a days on the bands, with m6 (next generation m3's) calls
Why not cant you experienced guys , help /encourage new callsigns  with advice etc etc , where ever they are in the World

IT'S JUST A HOBBY!  (although the best hobby in the World) who else can speak to the space station , apart from
goverment agencies?

Andy
m0 HLT
(FULL English call) since 2005

---
From: Wayne Bowyer <wayne.bowyer@...>
To: ic706@yahoogroups.com
Sent: Monday, 22 October 2012, 20:52
Subject: Re: [ic706] Re: RF output power high

I find it a bit sad that some hams are the same regardless of the forum. We are too quick to lay blame on the "golden screwdriver".  So what? And the "golden screwdriver" always references derogatorily someone from the CB ranks. Again so what?? I've been a ham since 1978 and I was a CB'er for near 10 yrs prior to that. I imagine a darn big percentage of hams came from cb radio. I see the "holier than thou" attitude so very much on QRZ. Instead of making unfounded assumptions we could possibly ask more questions and honestly try to help the OP out?

regards
Wayne Bowyer
n4eyz

On Mon, Oct 22, 2012 at 2:05 PM, Robert Roman <n22dr@...> wrote:

> **
>
>
> The radio was purchased new and has never been modified in any way. It has
> been trouble free for many years. The RF power output has always been 100
> watts, after a recient special event I noticed the internal power meter
> reading high and put a bird wattmeter and dummy load on the output it is a
> good solid 150 watts. I assume something was damaged during the special

> event but have not been able to isolate the component yet.  Thanks for your
> comments.
>
> Bob N2DR
>
> --- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:
>
> From: LARRY J. FORD <lford@...>
> Subject: Re: [ic706] Re: RF output power high
> To: ic706@yahoogroups.com
> Date: Monday, October 22, 2012, 10:17 AM
>
>
>
> I also asked the question of whether it was bought new or used. If used, I
> agree that unless a component that regulates output power has changed
> value,
> it certainly sounds like someone has been using a Golden Screwdriver.
>
> Perhaps the original PA transistors have been swapped out for higher output
> transistors, if that is possible, but the question is how long before
> something else is blown in the process of sustaining 50% over rated high
> power?
>
> I have a 706MKII and a 7200, both of which have had the MARS mod done, but
> neither put out over rated power except for the traditional ICOM "leading
> edge
> power spike" (although the ICOM engineers seem to have toned it down quite
> a
> bit in the 7200).
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> From: "gunnystungun" <kg4mlo@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: RF output power high
>
> > The question was asked if it was new or used. My question, if it was
> used,
> has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS.
> Certainly does sound like the golden screwdriver to me.
> > How long will it last is a question for someone else.
> >
> > Ron KG4MLO
> >
> > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > >

> > > 706s are notorious for "leading edge power spikes" that can hit 150+
> watts,
> > > but that is merely a peak output momentarily, which then falls off to
> rated
> > > output.
> > >
> > > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
> not
> > > sustain such power output levels.
> > >
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > >
> > > ------ Original Message ------
> > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > From: Wayne Bowyer <wayne.bowyer@...>
> > > To: ic706@yahoogroups.com
> > > Subject: Re: [ic706] RF output power high
> > >
> > > > A guess here but have you tried a cpu reset? Something is certainly
> over
> > > > the top here. I've never heard of 150 w out on any 706. I have a G
> model
> as
> > > > well, have never seen over 100-110 into a good meter and load
> (13.8vdc).
> I
> > > > would think you would be in danger of cooking something if you let it
> push
> > > > that much out for very long. (if not already) My light bulb doesn't
> burn
> > > > very bright these days--sorry I can't be of much help.
> > > >
> > > > Wayne
> > > > n4eyz
> > > >
> > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > >
> > > > > **
> > > > >
> > > > >
> > > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
> power
> > > was
> > > > > measured with a bird wattmeter into a 50 ohm load. Also the
> internal
> > > power

> > > > > meter only reads 50 watts and the SWR indicator does not work. The
> > > internal
> > > > > HF power control has no effect. The power can be reduced by the
> front
> > > panel
> > > > > control but to get it to 100 watts I need to reduce the dial to 2
> which
> > > > > originally was about 20 watts. I tried the Set Mode procedure in
> the
> > > > > service manual which had no effect. Has anyone experienced this
> problem?
> > > > > Thank You.
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20097. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-22 23:13:19 UTC
From: Joe Isabella
Topic: 20086  Message: 20097

Bob,
What is the ALC meter showing in the rig? Sounds to me like something possibly failed in the ALC circuitry...

Joe, N3JI

---
From: Robert Roman <n22dr@...>
To: ic706@yahoogroups.com
Sent: Monday, October 22, 2012 1:05 PM
Subject: Re: [ic706] Re: RF output power high

The radio was purchased new and has never been modified in any way. It has been trouble free for many years. The RF power output has always been 100 watts, after a recient special event I noticed the internal power meter reading high and put a bird wattmeter and dummy load on the output it is a good solid 150 watts. I assume something was damaged during the special event but have not been able to isolate the component yet.  Thanks for your comments.

Bob N2DR

--- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@usa.net>
Subject: Re: [ic706] Re: RF output power high
To: ic706@yahoogroups.com
Date: Monday, October 22, 2012, 10:17 AM

I also asked the question of whether it was bought new or used. If used, I agree that unless a component that regulates output power has changed value, it certainly sounds like someone has been using a Golden Screwdriver.

Perhaps the original PA transistors have been swapped out for higher output transistors, if that is possible, but the question is how long before something else is blown in the process of sustaining 50% over rated high power?

I have a 706MKII and a 7200, both of which have had the MARS mod done, but neither put out over rated power except for the traditional ICOM "leading edge power spike" (although the ICOM engineers seem to have toned it down quite a bit in the 7200).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 03:15:16 AM EDT
From: "gunnystungun" <kg4mlo@...>

To: ic706@yahoogroups.com
Subject: [ic706] Re: RF output power high

> The question was asked if it was new or used. My question, if it was used,
has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS.
Certainly does sound like the golden screwdriver to me.
> How long will it last is a question for someone else.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > 706s are notorious for "leading edge power spikes" that can hit 150+
watts,
> > but that is merely a peak output momentarily, which then falls off to
rated
> > output.
> >
> > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
not
> > sustain such power output levels.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ------ Original Message ------
> > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > From: Wayne Bowyer <wayne.bowyer@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] RF output power high
> >
> > > A guess here but have you tried a cpu reset? Something is certainly
over
> > > the top here. I've never heard of 150 w out on any 706. I have a G model
as
> > > well, have never seen over 100-110 into a good meter and load (13.8vdc).
I
> > > would think you would be in danger of cooking something if you let it
push
> > > that much out for very long. (if not already) My light bulb doesn't
burn
> > > very bright these days--sorry I can't be of much help.
> > >
> > > Wayne
> > > n4eyz
> > >
> > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:

> > >
> > > > **
> > > >
> > > >
> > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
power
> > was
> > > > > measured with a bird wattmeter into a 50 ohm load. Also the internal
> > power
> > > > > meter only reads 50 watts and the SWR indicator does not work. The
> > internal
> > > > > HF power control has no effect. The power can be reduced by the front
> > panel
> > > > > control but to get it to 100 watts I need to reduce the dial to 2
which
> > > > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > > > service manual which had no effect. Has anyone experienced this
problem?
> > > > > Thank You.
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > >
>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20098. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-23 01:02:58 UTC
From: Wayne Bowyer
Topic: 20086  Message: 20098

Larry I wasn't referring to you when I mentioned the golden screwdriver remark. Another had raised the CB/MARS--CAP/MARS possibility. I offer my apology if you were offended. But I wasn't referring to you. All I'm interested in doing is helping the OP get his problem solved.

I haven't ignored anything you have said. You've offered more help than anyone.

Wayne

">
> > > The question was asked if it was new or used. My question, if it was
> > used,
> > has the CB/MARS mod been done?? OH oh....typo....that should read
CAP/MARS.
> > Certainly does sound like the golden screwdriver to me.
> > > How long will it last is a question for someone else.
> > >
> > > Ron KG4MLO"

On Mon, Oct 22, 2012 at 4:01 PM, LARRY J. FORD <lford@...> wrote:

> **
>
>
> You're entitled to your opinion, but your opinion does not necessarily
> equate
> to a "fact."
>
> You apparently ignore the "IF" in my statement below. No assumption was
> made,
> merely questions raised.
>
> The operator explained that no modifications have been made, which changes
> the
> focus of the inquiry, as I stated below, to whether " ... a component that
> regulates output power has changed value ... ."
>
> How are you helping by casting aspersions on other hams for merely
> speculating
> as to causes?
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------

> Received: Mon, 22 Oct 2012 03:52:54 PM EDT
> From: Wayne Bowyer <wayne.bowyer@gmail.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Re: RF output power high
>
> > I find it a bit sad that some hams are the same regardless of the forum.
> We
> > are too quick to lay blame on the "golden screwdriver". So what? And the
> > "golden screwdriver" always references derogatorily someone from the CB
> > ranks. Again so what?? I've been a ham since 1978 and I was a CB'er for
> > near 10 yrs prior to that. I imagine a darn big percentage of hams came
> > from cb radio. I see the "holier than thou" attitude so very much on QRZ.
> > Instead of making unfounded assumptions we could possibly ask more
> > questions and honestly try to help the OP out?
> >
> > regards
> > Wayne Bowyer
> > n4eyz
> >
> > On Mon, Oct 22, 2012 at 2:05 PM, Robert Roman <n22dr@...> wrote:
> >
> > > **
> > >
> > >
> > > The radio was purchased new and has never been modified in any way. It
> has
> > > been trouble free for many years. The RF power output has always been
> 100
> > > watts, after a recient special event I noticed the internal power meter
> > > reading high and put a bird wattmeter and dummy load on the output it
> is
> a
> > > good solid 150 watts. I assume something was damaged during the special
> > > event but have not been able to isolate the component yet. Thanks for
> your
> > > comments.
> > >
> > > Bob N2DR
> > >
> > > --- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:
> > >
> > > From: LARRY J. FORD <lford@...>
> > > Subject: Re: [ic706] Re: RF output power high
> > > To: ic706@yahoogroups.com
> > > Date: Monday, October 22, 2012, 10:17 AM
> > >
> > >
> > >
> > > I also asked the question of whether it was bought new or used. If
> used,

> I
> > > agree that unless a component that regulates output power has changed
> > > value,
> > > it certainly sounds like someone has been using a Golden Screwdriver.
> > >
> > > Perhaps the original PA transistors have been swapped out for higher
> output
> > > transistors, if that is possible, but the question is how long before
> > > something else is blown in the process of sustaining 50% over rated
> high
> > > power?
> > >
> > > I have a 706MKII and a 7200, both of which have had the MARS mod done,
> but
> > > neither put out over rated power except for the traditional ICOM
> "leading
> > > edge
> > > power spike" (although the ICOM engineers seem to have toned it down
> quite
> > > a
> > > bit in the 7200).
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > > ------ Original Message ------
> > > Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> > > From: "gunnystungun" <kg4mlo@...>
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] Re: RF output power high
> > >
> > > > The question was asked if it was new or used. My question, if it was
> > > used,
> > > has the CB/MARS mod been done?? OH oh....typo....that should read
> CAP/MARS.
> > > Certainly does sound like the golden screwdriver to me.
> > > > How long will it last is a question for someone else.
> > > >
> > > > Ron KG4MLO
> > > >
> > > > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > > > >
> > > > > 706s are notorious for "leading edge power spikes" that can hit
> 150+
> > > watts,
> > > > > but that is merely a peak output momentarily, which then falls off
> to
> > > rated
> > > > > output.
> > > > >

> > > > > Unless that rig has been "tweaked" with a Golden Screwdriver, it
> would
> > > not
> > > > > sustain such power output levels.
> > > > > >
> > > > > >
> > > > > > Larry J. Ford
> > > > > > KG4GPJ
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------ Original Message ------
> > > > > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > > > > From: Wayne Bowyer <wayne.bowyer@...>
> > > > > > To: ic706@yahoogroups.com
> > > > > > Subject: Re: [ic706] RF output power high
> > > > > >
> > > > > > > A guess here but have you tried a cpu reset? Something is
> certainly
> > > over
> > > > > > > the top here. I've never heard of 150 w out on any 706. I have a
> G
> > > model
> > > as
> > > > > > > well, have never seen over 100-110 into a good meter and load
> > > (13.8vdc).
> > > I
> > > > > > > would think you would be in danger of cooking something if you
> let
> it
> > > push
> > > > > > > that much out for very long. (if not already) My light bulb
> doesn't
> > > burn
> > > > > > > very bright these days--sorry I can't be of much help.
> > > > > > >
> > > > > > > Wayne
> > > > > > > n4eyz
> > > > > > >
> > > > > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > > > > >
> > > > > > > > **
> > > > > > >
> > > > > > >
> > > > > > > > I have an IC706mk2g that puts out 150 watts on all HF bands.
> The
> > > power
> > > > > > > > was
> > > > > > > > measured with a bird wattmeter into a 50 ohm load. Also the
> > > internal

> > > > > power
> > > > > > > meter only reads 50 watts and the SWR indicator does not work.
> The
> > > > > internal
> > > > > > > HF power control has no effect. The power can be reduced by the
> > > front
> > > > > panel
> > > > > > > control but to get it to 100 watts I need to reduce the dial
> to 2
> > > which
> > > > > > > originally was about 20 watts. I tried the Set Mode procedure
> in
> > > the
> > > > > > > service manual which had no effect. Has anyone experienced this
> > > problem?
> > > > > > > Thank You.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > >
> > > > > >
> > > > > > ------------------------------------
> > > > > >
> > > > > > Yahoo! Groups Links
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > >
> > > > >
> > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >

> >
> >
>
>
>

[Non-text portions of this message have been removed]

# 20099. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-23 01:05:16 UTC
From: Wayne Bowyer
Topic: 20086  Message: 20099

Thanks Andy, I appreciate all that you said.

Wayne

On Mon, Oct 22, 2012 at 4:15 PM, Andy Cox <m0hlt@...> wrote:

> **
>
>
>
>
> I very rarly reply to this group, but always read each "post" with interest
> I would like to say well done to you Wayne,
> It's the same the World over,I have had comments in the past when I was a
> UK foundation licence holder
> m3 (English) call and 10 watts max output, and limited frequencies
> available back in 2003
>
> I still hear it now a days on the bands, with m6 (next generation m3's)
> calls
> Why not cant you experienced guys , help /encourage new callsigns with
> advice etc etc , where ever they are in the World
>
> IT'S JUST A HOBBY! (although the best hobby in the World) who else can
> speak to the space station , apart from
> goverment agencies?
>
> Andy
> m0 HLT
> (FULL English call) since 2005
>
>
> _____
> From: Wayne Bowyer <wayne.bowyer@...>
> To: ic706@...m
> Sent: Monday, 22 October 2012, 20:52
> Subject: Re: [ic706] Re: RF output power high
>
> I find it a bit sad that some hams are the same regardless of the forum. We
> are too quick to lay blame on the "golden screwdriver". So what? And the
> "golden screwdriver" always references derogatorily someone from the CB
> ranks. Again so what?? I've been a ham since 1978 and I was a CB'er for
> near 10 yrs prior to that. I imagine a darn big percentage of hams came
> from cb radio. I see the "holier than thou" attitude so very much on QRZ.
> Instead of making unfounded assumptions we could possibly ask more
> questions and honestly try to help the OP out?

> 
> regards
> Wayne Bowyer
> n4eyz
> 
> On Mon, Oct 22, 2012 at 2:05 PM, Robert Roman <n22dr@...> wrote:
> 
> > **
> > 
> > 
> > The radio was purchased new and has never been modified in any way. It
> has
> > been trouble free for many years. The RF power output has always been 100
> > watts, after a recient special event I noticed the internal power meter
> > reading high and put a bird wattmeter and dummy load on the output it is
> a
> > good solid 150 watts. I assume something was damaged during the special
> > event but have not been able to isolate the component yet. Thanks for
> your
> > comments.
> > 
> > Bob N2DR
> > 
> > --- On Mon, 10/22/12, LARRY J. FORD <lford@...t> wrote:
> > 
> > From: LARRY J. FORD <lford@...>
> > Subject: Re: [ic706] Re: RF output power high
> > To: ic706@yahoogroups.com
> > Date: Monday, October 22, 2012, 10:17 AM
> > 
> > 
> > 
> > 
> > I also asked the question of whether it was bought new or used. If used,
> I
> > agree that unless a component that regulates output power has changed
> > value,
> > it certainly sounds like someone has been using a Golden Screwdriver.
> > 
> > Perhaps the original PA transistors have been swapped out for higher
> output
> > transistors, if that is possible, but the question is how long before
> > something else is blown in the process of sustaining 50% over rated high
> > power?
> > 
> > I have a 706MKII and a 7200, both of which have had the MARS mod done,
> but
> > neither put out over rated power except for the traditional ICOM "leading
> > edge
> > power spike" (although the ICOM engineers seem to have toned it down
> quite

> > a
> > bit in the 7200).
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > ------ Original Message ------
> > Received: Mon, 22 Oct 2012 03:15:16 AM EDT
> > From: "gunnystungun" <kg4mlo@bluestreakisp.com>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Re: RF output power high
> >
> > > The question was asked if it was new or used. My question, if it was
> > used,
> > > has the CB/MARS mod been done?? OH oh....typo....that should read
> CAP/MARS.
> > Certainly does sound like the golden screwdriver to me.
> > > How long will it last is a question for someone else.
> > >
> > > Ron KG4MLO
> > >
> > > --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> > > >
> > > > 706s are notorious for "leading edge power spikes" that can hit 150+
> > watts,
> > > > but that is merely a peak output momentarily, which then falls off to
> > rated
> > > > output.
> > > >
> > > > Unless that rig has been "tweaked" with a Golden Screwdriver, it
> would
> > not
> > > > sustain such power output levels.
> > > >
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > >
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > > > From: Wayne Bowyer <wayne.bowyer@...>
> > > > To: ic706@yahoogroups.com
> > > > Subject: Re: [ic706] RF output power high
> > > >
> > > > > A guess here but have you tried a cpu reset? Something is certainly
> > over
> > > > > the top here. I've never heard of 150 w out on any 706. I have a G
> > model

> > as
> > > > > well, have never seen over 100-110 into a good meter and load
> > (13.8vdc).
> > I
> > > > > would think you would be in danger of cooking something if you let
> it
> > push
> > > > > that much out for very long. (if not already) My light bulb doesn't
> > burn
> > > > > very bright these days--sorry I can't be of much help.
> > > > >
> > > > > Wayne
> > > > > n4eyz
> > > > >
> > > > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > > > >
> > > > > > **
> > > > > >
> > > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
> > power
> > > > was
> > > > > > measured with a bird wattmeter into a 50 ohm load. Also the
> > internal
> > > > power
> > > > > > meter only reads 50 watts and the SWR indicator does not work.
> The
> > > > internal
> > > > > > HF power control has no effect. The power can be reduced by the
> > front
> > > > panel
> > > > > > control but to get it to 100 watts I need to reduce the dial to 2
> > which
> > > > > > originally was about 20 watts. I tried the Set Mode procedure in
> > the
> > > > > > service manual which had no effect. Has anyone experienced this
> > problem?
> > > > > > Thank You.
> > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > > >
> > > > >
> > > > >
> > > > > ------------------------------------
> > > > >
> > > > Yahoo! Groups Links

> > > > >
> > > > >
> > > > >
> > > >
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 20100. Re: [ic706] Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-24 19:52:54 UTC
From: Deacon Dave
Topic: 20086  Message: 20100

Agree

----- Original Message -----
From: Joe Isabella
To: ic706@yahoogroups.com
Sent: Monday, October 22, 2012 7:13 PM
Subject: Re: [ic706] Re: RF output power high

Bob,
What is the ALC meter showing in the rig? Sounds to me like something possibly failed in the ALC circuitry...

Joe, N3JI

---
From: Robert Roman <n22dr@...>
To: ic706@yahoogroups.com
Sent: Monday, October 22, 2012 1:05 PM
Subject: Re: [ic706] Re: RF output power high

The radio was purchased new and has never been modified in any way. It has been trouble free for many years. The RF power output has always been 100 watts, after a recient special event I noticed the internal power meter reading high and put a bird wattmeter and dummy load on the output it is a good solid 150 watts. I assume something was damaged during the special event but have not been able to isolate the component yet. Thanks for your comments.

Bob N2DR

--- On Mon, 10/22/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@...>
Subject: Re: [ic706] Re: RF output power high
To: ic706@yahoogroups.com
Date: Monday, October 22, 2012, 10:17 AM

I also asked the question of whether it was bought new or used. If used, I agree that unless a component that regulates output power has changed value, it certainly sounds like someone has been using a Golden Screwdriver.

Perhaps the original PA transistors have been swapped out for higher output transistors, if that is possible, but the question is how long before something else is blown in the process of sustaining 50% over rated high power?

I have a 706MKII and a 7200, both of which have had the MARS mod done, but neither put out over rated power except for the traditional ICOM "leading edge power spike" (although the ICOM engineers seem to have toned it down quite a

bit in the 7200).

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Oct 2012 03:15:16 AM EDT
From: "gunnystungun" <kg4mlo@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: RF output power high

> The question was asked if it was new or used. My question, if it was used,
has the CB/MARS mod been done?? OH oh....typo....that should read CAP/MARS.
Certainly does sound like the golden screwdriver to me.
> How long will it last is a question for someone else.
>
> Ron KG4MLO
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > 706s are notorious for "leading edge power spikes" that can hit 150+
watts,
> > but that is merely a peak output momentarily, which then falls off to
rated
> > output.
> >
> > Unless that rig has been "tweaked" with a Golden Screwdriver, it would
not
> > sustain such power output levels.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> >
> > ------ Original Message ------
> > Received: Sun, 21 Oct 2012 09:35:d32 PM EDT
> > From: Wayne Bowyer <wayne.bowyer@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] RF output power high
> >
> > > A guess here but have you tried a cpu reset? Something is certainly
over
> > > the top here. I've never heard of 150 w out on any 706. I have a G model
as
> > > well, have never seen over 100-110 into a good meter and load (13.8vdc).
I
> > > would think you would be in danger of cooking something if you let it
push
> > > that much out for very long. (if not already) My light bulb doesn't

burn
> > > very bright these days--sorry I can't be of much help.
> > >
> > > Wayne
> > > n4eyz
> > >
> > > On Fri, Oct 19, 2012 at 9:23 AM, Robert <n22dr@...> wrote:
> > >
> > > > **
> > > >
> > > >
> > > > I have an IC706mk2g that puts out 150 watts on all HF bands. The
power
> > was
> > > > measured with a bird wattmeter into a 50 ohm load. Also the internal
> > power
> > > > meter only reads 50 watts and the SWR indicator does not work. The
> > internal
> > > > HF power control has no effect. The power can be reduced by the front
> > panel
> > > > control but to get it to 100 watts I need to reduce the dial to 2
which
> > > > originally was about 20 watts. I tried the Set Mode procedure in the
> > > > service manual which had no effect. Has anyone experienced this
problem?
> > > > Thank You.
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
> > > > Yahoo! Groups Links
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > >
> >

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20101. Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-25 22:23:27 UTC
From: John G.
Topic: 20101  Message: 20101

I have an Icom 706 original which I picked up around 19 month ago and really like it. I have noticed for the past few months that the receive seems to drop at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad, but it does seem to not be as bad after the rig has been on a while and probably heated up. It doesn't seem to affect 17m or below, or 10/6/2m either.

Any ideas as to what might be going on and how much it would cost to fix if necessary?

73 John AF5CC

[Non-text portions of this message have been removed]

# 20102. Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 11:50:19 UTC
From: vk5zuc
Topic: 20101  Message: 20102

G'dday John,
I have had a 706 original from new.
A number of years ago I had similar problems. For me it was the TR relay which has a plastic lid you can pop off to clean the relay contacts with a slip of paper. That as rough as I would use. No abraisives etc. Perhaps a little alcohol. Its quite small. The cover pops back on.
As I recall the band pass filter relays are sealed. Much harder to remove/replace. They might come good with a bit more use.
Andrew

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> I have an Icom 706 original which I picked up around 19 month ago and really like it. I have noticed for the past few months that the receive seems to drop at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad, but it does seem to not be as bad after the rig has been on a while and probably heated up. It doesn't seem to affect 17m or below, or 10/6/2m either.
>
> Any ideas as to what might be going on and how much it would cost to fix if necessary?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>

# 20103. Re: [ic706] Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 12:53:16 UTC
From: John G.
Topic: 20101  Message: 20103

Thanks Andrew will check into that. Is the relay on the top or bottom of the rig?

73 John AF5CC

----- Original Message -----
From: vk5zuc
To: ic706@yahoogroups.com
Sent: Friday, October 26, 2012 11:50 AM
Subject: [ic706] Re: Icom 706 and possible relay problem-advice

G'dday John,
I have had a 706 original from new.
A number of years ago I had similar problems. For me it was the TR relay which has a plastic lid you can pop off to clean the relay contacts with a slip of paper. That as rough as I would use. No abraisives etc. Perhaps a little alcohol. Its quite small. The cover pops back on.
As I recall the band pass filter relays are sealed. Much harder to remove/replace. They might come good with a bit more use.
Andrew

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> I have an Icom 706 original which I picked up around 19 month ago and really like it. I have noticed for the past few months that the receive seems to drop at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad, but it does seem to not be as bad after the rig has been on a while and probably heated up. It doesn't seem to affect 17m or below, or 10/6/2m either.
>
> Any ideas as to what might be going on and how much it would cost to fix if necessary?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20104. Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 15:08:49 UTC
From: Mark
Topic: 20104  Message: 20104

Hi all,

I'm being lazy here, so please bear with me...

My radio will every once in a blue moon shut down and turn off while transmitting. It comes back on (usually instantly) when I wiggle the connector, so I was just thinking that the connector had a poor contact. About a week ago it finally did it when I was being less tolerant, so I cleaned the connector surfaces with a toothpick and some polishing compound, and slightly compressed the sleeves in the plug to give a better contact. No issues at all until last night, when I was working a pileup with a Ukranian station on 40M and when he finally answers my call and then I key down, the radio decides to turn off, argh argh argh!

Anyway, I am going to replace the connector completely and open up the radio to look inside at the other side of the power plug for good measure, but figured it would not hurt to ask here in case this has occurred to others as well and there is some well known issue. I did a search and nothing came up but that can be a result of my limited search-fu as well.

Thanks all!

Mark

# 20105. Re: Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 15:10:15 UTC
From: Mark
Topic: 20104  Message: 20105

Oops, forgot to mention this is a 706Mk2G

--- In ic706@yahoogroups.com, "Mark" <m62065@...> wrote:
>
> Hi all,
>
> I'm being lazy here, so please bear with me...
>
> My radio will every once in a blue moon shut down and turn off while transmitting. It comes back on (usually instantly) when I wiggle the connector, so I was just thinking that the connector had a poor contact. About a week ago it finally did it when I was being less tolerant, so I cleaned the connector surfaces with a toothpick and some polishing compound, and slightly compressed the sleeves in the plug to give a better contact. No issues at all until last night, when I was working a pileup with a Ukranian station on 40M and when he finally answers my call and then I key down, the radio decides to turn off, argh argh argh!
>
> Anyway, I am going to replace the connector completely and open up the radio to look inside at the other side of the power plug for good measure, but figured it would not hurt to ask here in case this has occurred to others as well and there is some well known issue. I did a search and nothing came up but that can be a result of my limited search-fu as well.
>
> Thanks all!
>
> Mark
>

# 20106. Re: [ic706] Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 18:24:41 UTC
From: Mark Brueggemann
Topic: 20104  Message: 20106

--- On Fri, 10/26/12, Mark <m62065@...> wrote:

>  My radio will every once in a blue moon
> shut down and turn off while transmitting.

Could be RFI. You could prove this by testing your transmit into a dummy load. If it's a DC problem, it will recur. If it's RFI it will only happen with the antenna connected.

Mark K5LXP
Albuquerque, NM

# 20107. Re: [ic706] Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 19:34:02 UTC
From: LARRY J. FORD
Topic: 20104  Message: 20107

Power supply issues? Voltage drop with increased current draw on transmit?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 26 Oct 2012 02:25:06 PM EDT
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Turns off on transmit, faulty connector?

>
> --- On Fri, 10/26/12, Mark <m62065@...> wrote:
>
> >    My radio will every once in a blue moon
> > shut down and turn off while transmitting.
>
> Could be RFI. You could prove this by testing your transmit into a dummy load. If it's a DC problem, it will recur. If it's RFI it will only happen with the antenna connected.
>
>
> Mark K5LXP
> Albuquerque, NM
>
>

# 20108. Re: [ic706] Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 18:47:42 UTC
From: Colin M0XSD
Topic: 20104  Message: 20108

Hi Mark,

It sounds like the same problem we had with our Mk2, we suspected it was the Power Connector and since I had a 4 way automotive type connector that was physically a similar size and rated at 30A per pin, I replaced it with that rather that spend extra money on something I wasn't sure was at fault. After doing that we haven't had the problem occur since.

I came to the conclusion that with age the pins/sockets lose their springyness and probably start to break contact as they warm up slightly.

73,
Colin
M0XSD.

On 26/10/2012 15:08, Mark wrote:
>
> Hi all,
>
> I'm being lazy here, so please bear with me...
>
> My radio will every once in a blue moon shut down and turn off while
> transmitting. It comes back on (usually instantly) when I wiggle the
> connector, so I was just thinking that the connector had a poor
> contact. About a week ago it finally did it when I was being less
> tolerant, so I cleaned the connector surfaces with a toothpick and
> some polishing compound, and slightly compressed the sleeves in the
> plug to give a better contact. No issues at all until last night, when
> I was working a pileup with a Ukranian station on 40M and when he
> finally answers my call and then I key down, the radio decides to turn
> off, argh argh argh!
>
> Anyway, I am going to replace the connector completely and open up the
> radio to look inside at the other side of the power plug for good
> measure, but figured it would not hurt to ask here in case this has
> occurred to others as well and there is some well known issue. I did a
> search and nothing came up but that can be a result of my limited
> search-fu as well.
>
> Thanks all!
>
> Mark
>
>

[Non-text portions of this message have been removed]

# 20109. 4 Sale: IC 706 MK2

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 21:00:23 UTC
From: John Dolan
Topic: 20109  Message: 20109

I own an Icom IC- 706 Mk2 that has the UT-
106 DSP unit installed as well as the FL-232
300 HZ CW and the FL-223 1.9 kHz SSB filter.
The rig has not been mobile. It is 9.5/10 in
looks and 10/10 operationally. I have an LDG
AT-100 Pro II Autotuner that is part of the
deal. This unit is in great shape and includes
the power cable, tuner cable to the IC 706,
manual and original box. The tuner cable
allows one button tuning from the front
panel of the IC 706. Lastly, I have the
SignalLink USB sound card interface. This unit
comes with usb cable to PC and the cable to
the IC-706. Also included is the original box.
The IC 706 comes with hand mike, power
cable , OPC-581 Front Panel Separation Cable
11 ft, the MB-63 Face mounting bracket and
the original manual, minus the original box.
NON-Smoking HAMSHACK The reason I am
looking to sell is I want to have a "tabletop"
rig. Would like to sell all items as a
set.
All gear for $800 plus shipping CONUS only. You choose method, I will get a quote. PayPal
plus the 3% Or USPS Money order. Pictures
Via email to serious party. Thank you and 73, John WB4YAL

# 20110. Re: [ic706] Re: Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-26 23:26:42 UTC
From: Wayne Bowyer
Topic: 20104  Message: 20110

I've had the same thing happen with my Mk2G. I've heard that this is a fairly common problem. I guess at some time I may replace my connector as well.

73
Wayne

On Fri, Oct 26, 2012 at 11:10 AM, Mark <m62065@...> wrote:

> **
>
>
> Oops, forgot to mention this is a 706Mk2G
>
> --- In ic706@yahoogroups.com, "Mark" <m62065@...> wrote:
> >
> > Hi all,
> >
> > I'm being lazy here, so please bear with me...
> >
> > My radio will every once in a blue moon shut down and turn off while
> transmitting. It comes back on (usually instantly) when I wiggle the
> connector, so I was just thinking that the connector had a poor contact.
> About a week ago it finally did it when I was being less tolerant, so I
> cleaned the connector surfaces with a toothpick and some polishing
> compound, and slightly compressed the sleeves in the plug to give a better
> contact. No issues at all until last night, when I was working a pileup
> with a Ukranian station on 40M and when he finally answers my call and then
> I key down, the radio decides to turn off, argh argh argh!
> >
> > Anyway, I am going to replace the connector completely and open up the
> radio to look inside at the other side of the power plug for good measure,
> but figured it would not hurt to ask here in case this has occurred to
> others as well and there is some well known issue. I did a search and
> nothing came up but that can be a result of my limited search-fu as well.
> >
> > Thanks all!
> >
> > Mark
> >
>
>
>

[Non-text portions of this message have been removed]

# 20111. Re: [ic706] Turns off on transmit, faulty connector?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-27 09:02:52 UTC
From: Facility 406 DM09
Topic: 20104  Message: 20111

The connector is well known to be a POS. Get a higher quality Molex, the original is a molex "style", and replace it, or remove it entirely and hard wire it with no connector at all. I put a fiberglass plate in the connector hole and used 6-32 stainless steel studs to bolt the wires on with locking nuts. Problem solved.

Kurt

# 20112. MK1 on 5MHz ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-27 10:15:50 UTC
From: g1zrn
Topic: 20112  Message: 20112

Hello group,

I have searched for information to find out if a Icom IC706 Mk1 is suitable for use on 5MHz, but all the information I've found so far is related to the MK2G.

Does anyone know if there is a LPF issue with the MK1 taking into account the age of the radio and that they may not be suitable for use on 5MHz?

Many thanks,
Mike G1ZRN.

# 20113. Re: [ic706] MK1 on 5MHz ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-27 15:34:20 UTC
From: LARRY J. FORD
Topic: 20112  Message: 20113

I have an IC-706MKII that has been modified to work on 60 meters on the 5 "channels" allowed in the US and it works just fine.

Why would the MKII be different from the "original" 706 in that respect?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 27 Oct 2012 10:58:30 AM EDT
From: "g1zrn" <mike@...>
To: ic706@yahoogroups.com
Subject: [ic706] MK1 on 5MHz ?

> Hello group,
>
> I have searched for information to find out if a Icom IC706 Mk1 is suitable for use on 5MHz, but all the information I've found so far is related to the MK2G.
>
> Does anyone know if there is a LPF issue with the MK1 taking into account the age of the radio and that they may not be suitable for use on 5MHz?
>
> Many thanks,
> Mike G1ZRN.
>
>
>
>

# 20114. Re: [ic706] MK1 on 5MHz ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-27 16:00:05 UTC
From: John G.
Topic: 20112  Message: 20114

I have used mine on 5mhz with no problems.

John AF5CC

----- Original Message -----
From: g1zrn
To: ic706@yahoogroups.com
Sent: Saturday, October 27, 2012 10:15 AM
Subject: [ic706] MK1 on 5MHz ?

Hello group,

I have searched for information to find out if a Icom IC706 Mk1 is suitable for use on 5MHz, but all the information I've found so far is related to the MK2G.

Does anyone know if there is a LPF issue with the MK1 taking into account the age of the radio and that they may not be suitable for use on 5MHz?

Many thanks,
Mike G1ZRN.

[Non-text portions of this message have been removed]

# 20115. Re: [ic706] MK1 on 5MHz ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-27 16:24:57 UTC
From: Mike G1ZRN
Topic: 20112  Message: 20115

Hi Larry,

Thanks for the reply.

There is a big difference between the Mk1, 2 & 2G, basically they look similar but that's where it ends as they are totally different inside.

Cheers,
Mike G1ZRN.

----- Original Message -----

I have an IC-706MKII that has been modified to work on 60 meters on the 5 "channels" allowed in the US and it works just fine.

Why would the MKII be different from the "original" 706 in that respect?

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 20116. RE: EXTERNAL: Re: [ic706] MK1 on 5MHz ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-29 01:17:22 UTC
From: Lefczik, Larry D
Topic: 20112  Message: 20116

Used it many years on 60 Meters

NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John G.
Sent: Saturday, October 27, 2012 12:00 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] MK1 on 5MHz ?

I have used mine on 5mhz with no problems.

John AF5CC

----- Original Message -----
From: g1zrn
To: ic706@yahoogroups.com
Sent: Saturday, October 27, 2012 10:15 AM
Subject: [ic706] MK1 on 5MHz ?

Hello group,

I have searched for information to find out if a Icom IC706 Mk1 is suitable for use on 5MHz, but all the information I've found so far is related to the MK2G.

Does anyone know if there is a LPF issue with the MK1 taking into account the age of the radio and that they may not be suitable for use on 5MHz?

Many thanks,
Mike G1ZRN.

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20117. OVER VOLTAGE TO IC-706MIIG, S/N - 1513913

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-30 21:28:40 UTC
From: k2crr
Topic: 20117  Message: 20117

Hello all,

I was using an old Heath 12v power supply (HP-1175) and the unit started to act flacky. Smelled a phenolic odor and it stopped working. Found the PS output to be 26V DC unloaded!!

Connected it to a known good 12v supply and it now seems to rx all ok on all bands. But on tx, it has no rf out, but the RF power can be varied on the indicator from "L to H" but nothing out on the Bird to dummy load. All meter readings on tx go full scale (bar indicator) on ptt.

Spoke to factory tech (Mi) and he thinks that driver and finals are probably gone, plus. (est - $450 to $500)!! More than 50% of value.

Have not opened it up yet! Any ideas, opinions or suggestions are welcomed. Thanks,

Bob - K2CRR

[Non-text portions of this message have been removed]

# 20118. RE: [ic706] OVER VOLTAGE TO IC-706MllG, S/N - 1513913

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 00:42:17 UTC
From: bruce.clements@sympatico.ca
Topic: 20117  Message: 20118

I rebuilt a complete TX on a 706 and the cost is right on.. The finals on HF and VHF I got from RFparts.
One question you say when you PTT the meter goes full scale. Does the unit draw full current 15 amps + if so look around the filter relay drivers..

bruce
ve3bv

if you want to part with the unit for parts if it looks too costly to repair let me know I'm looking for a spare head

To: ic706@yahoogroups.com
From: k2crr@...
Date: Tue, 30 Oct 2012 21:28:40 +0000
Subject: [ic706] OVER VOLTAGE TO IC-706MllG, S/N - 1513913

Hello all,

I was using an old Heath 12v power supply (HP-1175) and the unit started to act flacky. Smelled a phenolic odor and it stopped working. Found the PS output to be 26V DC unloaded!!

Connected it to a known good 12v supply and it now seems to rx all ok on all bands. But on tx, it has no rf out, but the RF power can be varied on the indicator from "L to H" but nothing out on the Bird to dummy load. All meter readings on tx go full scale (bar indicator) on ptt.

Spoke to factory tech (Mi) and he thinks that driver and finals are probably gone, plus. (est - $450 to $500)!! More than 50% of value.

Have not opened it up yet! Any ideas, opinions or suggestions are welcomed. Thanks,

Bob - K2CRR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20119. Re: [ic706] OVER VOLTAGE TO IC-706MllG, S/N - 1513913

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 00:46:03 UTC
From: LARRY J. FORD
Topic: 20117  Message: 20119

Something similar happened to a ham friend and his Yaesu FT-950 when an MFJ power supply went "over-voltage." Fortunately, my friend's FT-950 had a over-voltage protection circuit of some sort (not a crowbar circuit) that got fried instead of the finals. Still, it had to go back to the Yaesu service center, and it cost him roughly $200.00 to get it fixed, but it could have been worse.

If the 706 has something similar, then it may not be quite as bad as Matt has estimated.

Shortly after that incident, my friend and I had a "soldering party" and built-up 4 external "crowbar" over-voltage protection kits, which now sit between our rigs and the respective power supplies!

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 30 Oct 2012 08:33:44 PM
From: "k2crr" <k2crr@...>
To: ic706@yahoogroups.com
Subject: [ic706] OVER VOLTAGE TO IC-706MllG, S/N - 1513913

>
>
>
> Hello all,
>
> I was using an old Heath 12v power supply (HP-1175) and the unit started
> to act flacky. Smelled a phenolic odor and it stopped working. Found
> the PS output to be 26V DC unloaded!!
>
> Connected it to a known good 12v supply and it now seems to rx all ok on
> all bands. But on tx, it has no rf out, but the RF power can be varied
> on the indicator from "L to H" but nothing out on the Bird to dummy
> load. All meter readings on tx go full scale (bar indicator) on ptt.
>
> Spoke to factory tech (Mi) and he thinks that driver and finals are
> probably gone, plus. (est - $450 to $500)!! More than 50% of value.
>
> Have not opened it up yet! Any ideas, opinions or suggestions are
> welcomed. Thanks,
>
> Bob - K2CRR
>
>

>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20120. Re: [ic706] OVER VOLTAGE TO IC-706MIIG, S/N - 1513913

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 01:27:38 UTC
From: Mike Rodgers
Topic: 20117  Message: 20120

Bob, is it just hf?
I lost a final on VHF/UHF for unknown reasons, maybe Texas summer heat.
I sort of determined it was the final because although it wouldn't wiggle a 4w meter, it would key the repeater and run echolink from a quarter mile away.

I'm not home so I don't know about your serial number but pop the top and determine if they are Motorola or Mittsubishi. Hopefully they are Mittsubishi. They used to be available for $30 from rf parts.
If Motorola that's bad news.
The $450 may be for A Motorola board.
I'd think that pretty high for a Mittsubishi repair.
If your in the Northeast I'd check with Matt in Michigan at Saris I think or there is a guy in New York State. I'd have to do some digging.

Is it only on hf ? VHF works or not?

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Oct 30, 2012, at 4:28 PM, "k2crr" <k2crr@...> wrote:

>
>
> Hello all,
>
> I was using an old Heath 12v power supply (HP-1175) and the unit started
> to act flacky. Smelled a phenolic odor and it stopped working. Found
> the PS output to be 26V DC unloaded!!
>
> Connected it to a known good 12v supply and it now seems to rx all ok on
> all bands. But on tx, it has no rf out, but the RF power can be varied
> on the indicator from "L to H" but nothing out on the Bird to dummy
> load. All meter readings on tx go full scale (bar indicator) on ptt.
>
> Spoke to factory tech (Mi) and he thinks that driver and finals are
> probably gone, plus. (est - $450 to $500)!! More than 50% of value.
>
> Have not opened it up yet! Any ideas, opinions or suggestions are
> welcomed. Thanks,
>
> Bob - K2CRR
>

> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20121. hi... any techies here who can help me with a icom ic-735 Rx issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 04:52:50 UTC
From: Dihan Angelo De Silva
Topic: 20121  Message: 20121

Hi

the 735 in question does not receive in Rx and all i hear is static. the audio on USB,LSB,AM,CW is low. you have to turn the volume fully up to hear the static. but audio on FM is ok. any ideas? appreciate your help on this as the rig is of great sentimental value to me.

73

Dihan Angelo De Silva

facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 20122. Re: [ic706] hi... any techies here who can help me with a icom ic-735 Rx issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 14:20:04 UTC
From: Mark Brueggemann
Topic: 20121  Message: 20122

--- On Tue, 10/30/12, Dihan Angelo De Silva <dihanangelo@...> wrote:

> the 735 in question does not receive in Rx and all i hear is
> static. the audio on USB,LSB,AM,CW is low. you have to turn
> the volume fully up to hear the static. but audio on FM is
> ok.

Check the RX antenna jumper on the back. Could be a bad cable, or if the connection has been stressed, the RCA connector solder joint inside the radio may have failed.

Mark K5LXP
Albuquerque, NM

# 20123. Re: [ic706] hi... any techies here who can help me with a icom ic-735 Rx issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 16:42:32 UTC
From: Dihan Angelo De Silva
Topic: 20121  Message: 20123

Hi mark...
all ready done. what i dont understand is that the volume on fm is ok but very low on all other modes (AM,USB,LSB,CW...)

Dihan Angelo De Silva

facebook.com/dihanangelo

---
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Sent: Wednesday, 31 October 2012, 19:50
Subject: Re: [ic706] hi... any techies here who can help me with a icom ic-735 Rx issue?

--- On Tue, 10/30/12, Dihan Angelo De Silva <mailto:dihanangelo%40yahoo.com> wrote:

> the 735 in question does not receive in Rx and all i hear is
> static. the audio on USB,LSB,AM,CW is low. you have to turn
> the volume fully up to hear the static. but audio on FM is
> ok.

Check the RX antenna jumper on the back. Could be a bad cable, or if the connection has been stressed, the RCA connector solder joint inside the radio may have failed.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 20124. Re: 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 16:11:39 UTC
From: Chris L.
Topic: 18892  Message: 20124

I am having the same issue with mine as well. Only VHF FM is affected. VHF ssb and AM are fine. The noise will start up low and then progress louder. I have checked all connection, switched antenna's and tried it both in the car and home. After a few minutes there will be a loud crackle and then the rx/tx will come back to normal and then the noise will start up again in a few minutes.

Anyone have any idea's?

Chris
W9CLL
--- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "n4eyz" <n4eyz@> wrote:
> >
> > I have a rx and tx problem with a mkIIG. Background noise goes up
> > terribly just on 2m and sounds like loose ant connection. Also sounds remarkably like sitting in my truck in a hard rain downpour. Affects tx as
> > well. Antenna is not the problem as it does it on any 2m antenna. The
> > problem starts after the radio has been on for a few minutes and comes
> > and goes. Temp of the radio seems to make little or no difference.
> > No other bands affected. Anyone have any ideas? Been out of the hobby for a bit--any recommendations on best repair facility?
> >
> > Wayne/n4eyz
> >
>
> No only 2m is affected and follows the rig from truck to base install. Other 2m rigs on same ant are fine.
>

# 20125. Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 16:39:18 UTC
From: Chris
Topic: 20125  Message: 20125

Hello,

Can anyone help I have a digimode interface connected to the Acc port on my MkII, however the PTT is connected to Pin3 HSEND but I also want to use the interface on VHF, can I connect the PTT wire to Pin 3 (HSEND)and pin 7(VSEND)to acheive this ???

73

Chris, M0XRS

# 20126. Re: [ic706] Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 17:13:27 UTC
From: AB1DD
Topic: 20125  Message: 20126

Isn't there a menu setting that will allow VSEND to do all bands?

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Wed, 10/31/12, Chris <m0xrs@...> wrote:

Hello,

Can anyone help I have a digimode interface connected to the Acc port on my MkII, however the PTT is connected to Pin3 HSEND but I also want to use the interface on VHF, can I connect the PTT wire to Pin 3 (HSEND)and pin 7(VSEND)to acheive this ???

73

Chris, M0XRS

[Non-text portions of this message have been removed]

# 20127. Re: [ic706] Re: 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 17:39:40 UTC
From: Wayne Bowyer
Topic: 18892  Message: 20127

Precisely my issue. Found out that's a somewhat common problem with I guess early G models. Mike Nadeau at http://www.n1eq.com/ is who you need to talk to. He has worked on my 706 twice to repair other issues of my my own doing.

I think it has to do with some flaky trimmer caps in the rx. He does good work and is very reasonable.

Wayne
n4eyz
On Wed, Oct 31, 2012 at 12:11 PM, Chris L. <w9cll@...> wrote:

> **
>
>
> I am having the same issue with mine as well. Only VHF FM is affected. VHF
> ssb and AM are fine. The noise will start up low and then progress louder.
> I have checked all connection, switched antenna's and tried it both in the
> car and home. After a few minutes there will be a loud crackle and then the
> rx/tx will come back to normal and then the noise will start up again in a
> few minutes.
>
> Anyone have any idea's?
>
> Chris
> W9CLL
> --- In ic706@yahoogroups.com, "n4eyz" <wayne.bowyer@...> wrote:
> >
> >
> >
> > --- In ic706@yahoogroups.com, "n4eyz" <n4eyz@> wrote:
> > >
> > > I have a rx and tx problem with a mkIIG. Background noise goes up
> > > terribly just on 2m and sounds like loose ant connection. Also sounds
> remarkably like sitting in my truck in a hard rain downpour. Affects tx as
> > > well. Antenna is not the problem as it does it on any 2m antenna. The
> > > problem starts after the radio has been on for a few minutes and comes
> > > and goes. Temp of the radio seems to make little or no difference.
> > > No other bands affected. Anyone have any ideas? Been out of the hobby
> for a bit--any recommendations on best repair facility?
> > >
> > > Wayne/n4eyz
> > >
> >
> > No only 2m is affected and follows the rig from truck to base install.
> Other 2m rigs on same ant are fine.

> >
>
>
>

[Non-text portions of this message have been removed]

# 20128. Re: [ic706] Re: 2m rx/tx problem

Yahoo group: ic706 (2010 — 2015)
Date: 2012-10-31 20:03:00 UTC
From: Ralph Mowery
Topic: 18892  Message: 20128

As this is just an FM only problem, look for an adjustment for the FM VCO.  The VCO may be on the verge of locking and unlocking.  Could be an adjustment or maybe the capacitor or pot (forgot which one, but thinking pot) just needs to be turned up and down a few times to get rid of some dirt/oxidation on it.

--- On Wed, 10/31/12, Chris L. <w9cll@...> wrote:

From: Chris L. <w9cll@...>
Subject: [ic706] Re: 2m rx/tx problem
To: ic706@yahoogroups.com
Date: Wednesday, October 31, 2012, 12:11 PM

I am having the same issue with mine as well. Only VHF FM is affected. VHF ssb and AM are fine. The noise will start up low and then progress louder. I have checked all connection, switched antenna's and tried it both in the car and home. After a few minutes there will be a loud crackle and then the rx/tx will come back to normal and then the noise will start up again in a few minutes.

Anyone have any idea's?

Chris
W9CLL

[Non-text portions of this message have been removed]

## 20129. Re: Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-01 11:53:25 UTC
From: Chris
Topic: 20125   Message: 20129

I don't think there is a menu setting, but if anyone knows please let me know.

73

Chris, M0XRS

--- In ic706@yahoogroups.com, AB1DD <ab1dd@...> wrote:
>
> Isn't there a menu setting that will allow VSEND to do all bands?
>
> 73,
>
> Carl
>
> AB1DD
>
>
>
> Resistance is futile.
>
> (don't know about reactance, though)
>
> --- On Wed, 10/31/12, Chris <m0xrs@...> wrote:
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

>
>
>
>
> Hello,
>
>
>
> Can anyone help I have a digimode interface connected to the Acc port on my MkII, however the PTT is connected to Pin3 HSEND but I also want to use the interface on VHF, can I connect the PTT wire to Pin 3 (HSEND)and pin 7(VSEND)to acheive this ???
>
>
>
> 73
>
>
>
> Chris, M0XRS
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20130. Re: [ic706] Re: Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-01 14:22:55 UTC
From: AB1DD
Topic: 20125  Message: 20130

Well, maybe not on the 706 II. The G has it. Have you tried the FSK send? Page 33 connections for FSK? If that puts the 706 in xmit, on whatever mode you select, then you are all set.

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Thu, 11/1/12, Chris <m0xrs@gmx.co.uk> wrote:

From: Chris <m0xrs@...>
Subject: [ic706] Re: Digimode interface PTT
To: ic706@yahoogroups.com
Date: Thursday, November 1, 2012, 7:53 AM

I don't think there is a menu setting, but if anyone knows please let me know.

73

Chris, M0XRS

--- In ic706@yahoogroups.com, AB1DD <ab1dd@...> wrote:

>

> Isn't there a menu setting that will allow VSEND to do all bands?

>

> 73,

>

> Carl

>

> AB1DD

>

>

>

> Resistance is futile.

>

> (don't know about reactance, though)

>

> --- On Wed, 10/31/12, Chris <m0xrs@...> wrote:

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> Hello,

>

>

>

> Can anyone help I have a digimode interface connected to the Acc port on my MkII, however the PTT is connected to Pin3 HSEND but I also want to use the interface on VHF, can I connect the PTT wire to Pin 3 (HSEND)and pin 7(VSEND)to acheive this ???

>

>

>

> 73

>

>

>

> Chris, M0XRS

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 20131. Re: [ic706] Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-01 14:25:21 UTC
From: KHLT
Topic: 20125  Message: 20131

On the Mk2 there is no option. What you're thinking of is the Mk2G where
Intial menu 30 give you the following options

30 VSEND SEL (ACC socket output)
?on?: VSEND is for 144/430 MHz; HSEND is for
the HF/50 MHz
?U only?: VSEND is for 430 MHz; HSEND is for
HF/50/144 MHz
?oFF?: VSEND is not used; HSEND is for all
bands.

Kymmy

On 31/10/2012 17:13, AB1DD wrote:
> Isn't there a menu setting that will allow VSEND to do all bands?
>
> 73,
>
> Carl
>
> AB1DD
>

# 20132. Re: Digimode interface PTT

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-03 09:44:46 UTC
From: dajetzi
Topic: 20125  Message: 20132

Hi,
why not use a simple switch to switch betwen Pin3 and Pin7?

--- In ic706@yahoogroups.com, "Chris" <m0xrs@...> wrote:
>
> Hello,
>
> Can anyone help I have a digimode interface connected to the Acc port on my MkII, however the PTT is connected to Pin3 HSEND but I also want to use the interface on VHF, can I connect the PTT wire to Pin 3 (HSEND)and pin 7(VSEND)to acheive this ???
>
> 73
>
> Chris, M0XRS
>

# 20133. Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-04 12:04:45 UTC
From: m6avp
Topic: 20133  Message: 20133

I have just recently upgraded to an Icom IC706 Mk1 and was wondering what the best budget replacement microphone is for SSB.
I have been told that because I am too softly spoken I need to shout! Something that doesn't feel natural when speaking to someone so I don't make many contacts.
I have been looking at the possiblity of using a dynamic microphone with a pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to damage the radio by doing something wrong!
Any help and advice would be appreciated.
Thank you.
Paul
M6AVP

# 20134. 706MKIIG AH-4 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-04 16:39:45 UTC
From: al7px
Topic: 20134  Message: 20134

I just found this forum today and thought I would throw out something since you guys have probably seen almost everything with this radio. I use the radio with the AH-4 tuner and have a issue tuning the upper bands when the radio is first turned on. Most of the time 30,40,80 meters tune right up but the higher bands (10,15,20 meters) will not. After a 15-30 minute period with the radio powered the upper bands tune fine.
I thought it was a issue with the tuner and had Icom check it out and they couldn't find any defects. I even asked them to do the cold test before sending it back to me. It passed. The antenna I am using is a 23 foot vertical. I also tried a dummy load and both have the same results. The radio has very little use and has never been mobile. Tuner sat in my closet for 5 year up until this past summer.
Any ideas would be greatly appreciated.
AL7PX
73,
Todd

# 20135. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 12:34:24 UTC
From: Wayne Bowyer
Topic: 20133  Message: 20135

I've often heard that the very best all around mic for the 706 is the factory handheld mike. Do you have the mic gain up sufficiently? I run mine around 7 to 8 (advised by a long time Icom user).

On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:

> **
>
>
> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> the best budget replacement microphone is for SSB.
> I have been told that because I am too softly spoken I need to shout!
> Something that doesn't feel natural when speaking to someone so I don't
> make many contacts.
> I have been looking at the possiblity of using a dynamic microphone with a
> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
> damage the radio by doing something wrong!
> Any help and advice would be appreciated.
> Thank you.
> Paul
> M6AVP
>
>
>

[Non-text portions of this message have been removed]

# 20136. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 14:05:54 UTC
From: Mike Urso
Topic: 20133  Message: 20136

I have a good amount of low frequencies in my voice and had a similar problem. On my Mk2G I set the mic at 2, but with the compressor ON. The 2 setting seems fine for FM, the the gain provided by the compressor is great for SSB (uhf to hf). Simple to try so give it a trial period.

73 de Mike K9FE

----- Original Message -----
From: "Wayne Bowyer" <wayne.bowyer@...>
To: ic706@yahoogroups.com
Sent: Monday, November 5, 2012 6:34:24 AM
Subject: Re: [ic706] Microphone for SSB

I've often heard that the very best all around mic for the 706 is the
factory handheld mike. Do you have the mic gain up sufficiently? I run mine
around 7 to 8 (advised by a long time Icom user).

On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:

> **
>
>
> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> the best budget replacement microphone is for SSB.
> I have been told that because I am too softly spoken I need to shout!
> Something that doesn't feel natural when speaking to someone so I don't
> make many contacts.
> I have been looking at the possiblity of using a dynamic microphone with a
> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
> damage the radio by doing something wrong!
> Any help and advice would be appreciated.
> Thank you.
> Paul
> M6AVP
>
>
>

[Non-text portions of this message have been removed]

------------------------------------

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20137. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 15:15:03 UTC
From: LARRY J. FORD
Topic: 20133  Message: 20137

What are you using now? The "standard" ICOM HM-103 hand mic, which came with the "original" IC-706 (no MK) and the IC-706MKII? (It may have been factory standard with the IC-706MKIIG as well, but I don't have one of those).

From what I understand, the HM-103 has a Heil element (electret) in it that was designed to work with the 706, and probably works as well as another other hand mic out there, although I believe there are a couple of "tweaks" some folks have done. It seems to work well with my IC-706 and my IC-706MKII, which I use in the field and mobile.

However, I've found that the Heil Traveler headset/mic combination designed for the 706 works very well, and the Heil mic element in the Traveler probably more optimized for the 706. I have two Heil Travelers (both old-style and new style) and get good audio reports, either on the 706s or with my IC-7200 (just have to adjust the mic gain correctly when switching the Traveler from one rig to another.)

Don't know what "budget" means to you, but Heil Travelers can be had for $40-60 USD used or <$100 USD new.

Larry J. Ford
KG4GPJ

P.S. Before anyone comments, "Yes," I have tried the set-up for the 706 sold by W2ENY on eBay and other ham sites purportedly allowing a common computer headset/mic combo to be used with the 706. Yes, it will "work," no, it will not work very well, audio sounds low and muffled, according to reports I have received, and it does not work with ALL computer headsets. It does work with the Labtec headset he sells with his cables (more valuable than the headset itself, IMHO), but I get poor audio reports.

------ Original Message ------
Received: Mon, 05 Nov 2012 01:52:19 AM EST
From: "m6avp" <m6avp@...>
To: ic706@yahoogroups.com
Subject: [ic706] Microphone for SSB

> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what the best budget replacement microphone is for SSB.
> I have been told that because I am too softly spoken I need to shout! Something that doesn't feel natural when speaking to someone so I don't make many contacts.
> I have been looking at the possiblity of using a dynamic microphone with a pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to damage the radio by doing something wrong!
> Any help and advice would be appreciated.
> Thank you.

> Paul
> M6AVP
>
>

# 20138. Re: [ic706] 706MKIIG AH-4 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 15:22:18 UTC
From: LARRY J. FORD
Topic: 20134  Message: 20138

What radio are you trying to use?

Wasn't this discussed on the ICOM Tuner forum?

If the tuner checked-out, then my bet is that the radio you're using (an IC-746 judging from your e-mail address) has an issue with a component changing value with temp changes in the rig. The ICOM AH-4 (I've had a couple and still have an AH-4 and an AH-2) is controlled for tuning purposes by the microprocessor within the ICOM radios designed to work with the tuner.

The component that's changing value (my guess) may be within the microprocessor (probably the worst outcome). If not the microprocessor, then I have no clue where it might be.

Send the radio in to an ICOM Service Center may be the action needed at this point. I've had great success with Matt Adrian at ICOM Service Center - Michigan (SAR Technical Services, Inc.)

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 05 Nov 2012 01:52:59 AM EST
From: "al7px" <ic7461@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706MKIIG AH-4 Issue

> I just found this forum today and thought I would throw out something since you guys have probably seen almost everything with this radio. I use the radio with the AH-4 tuner and have a issue tuning the upper bands when the radio is first turned on. Most of the time 30,40,80 meters tune right up but the higher bands (10,15,20 meters) will not. After a 15-30 minute period with the radio powered the upper bands tune fine.
> I thought it was a issue with the tuner and had Icom check it out and they couldn't find any defects. I even asked them to do the cold test before sending it back to me. It passed.
> The antenna I am using is a 23 foot vertical. I also tried a dummy load and both have the same results. The radio has very little use and has never been mobile. Tuner sat in my closet for 5 year up until this past summer.
> Any ideas would be greatly appreciated.
> AL7PX
> 73,
> Todd
>
>

# 20139. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 18:15:33 UTC
From: Deacon Dave
Topic: 20133  Message: 20139

Communication studies by the USA military confirm that moderate Compression
increases "communications ability" of transmitted SSB. Turn ON compression.
If possible set it at about 6dB.

DD
----- Original Message -----
From: "Wayne Bowyer" <wayne.bowyer@...>
To: <ic706@yahoogroups.com>
Sent: Monday, November 05, 2012 7:34 AM
Subject: Re: [ic706] Microphone for SSB

> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run
> mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
>> **
>>
>>
>> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
>> the best budget replacement microphone is for SSB.
>> I have been told that because I am too softly spoken I need to shout!
>> Something that doesn't feel natural when speaking to someone so I don't
>> make many contacts.
>> I have been looking at the possiblity of using a dynamic microphone with
>> a
>> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
>> damage the radio by doing something wrong!
>> Any help and advice would be appreciated.
>> Thank you.
>> Paul
>> M6AVP
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>
>

# 20140. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 19:23:26 UTC
From: Joe Isabella
Topic: 20133  Message: 20140

I had very good results with the stock mic and the DTMF mic. The 706 is a different animal than the MKIIG, in a lot of ways including the mic gain.  I had to tweak mine so that for FM repeater use, I ran with the compressor OFF, but for SSB, I ran with the compressor ON.  What I did was simple -- I got on my local 2m repeater and asked a friend to help me out.  I ended up with the mic gain around 8, I believe.  Then I got on HF SSB and turned ON the compressor, and tweaked it using the adjustment on the side until I got a little deflection on the ALC meter.  The down side it remembering to switch it back & forth when you change modes -- you'll be VERY loud on FM with the Compressor on, and with that rig, you have to switch to SSB to get the softkey back to turn it off...  LOL

Joe, N3JI

---
From: Deacon Dave <w1mce@...>
To: ic706@yahoogroups.com
Sent: Monday, November 5, 2012 12:15 PM
Subject: Re: [ic706] Microphone for SSB

Communication studies by the USA military confirm that moderate Compression
increases "communications ability" of transmitted SSB.  Turn ON compression.
If possible set it at about 6dB.

DD
----- Original Message -----
From: "Wayne Bowyer" <wayne.bowyer@...>
To: <ic706@yahoogroups.com>
Sent: Monday, November 05, 2012 7:34 AM
Subject: Re: [ic706] Microphone for SSB

> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run
> mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
>> **
>>
>>
>> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
>> the best budget replacement microphone is for SSB.
>> I have been told that because I am too softly spoken I need to shout!
>> Something that doesn't feel natural when speaking to someone so I don't
>> make many contacts.
>> I have been looking at the possiblity of using a dynamic microphone with
>> a

>> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
>> damage the radio by doing something wrong!
>> Any help and advice would be appreciated.
>> Thank you.
>> Paul
>> M6AVP
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20141. Re: Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 22:46:05 UTC
From: m6avp
Topic: 20133  Message: 20141

Thank you for the comments.
The mic gain is set to 6 with the compressor switched off. I have not been able to get a good contact on SSB so don't know how good or bad it is. I have based my conclusions on the fact that when using FM to tune the antenna I get a full 10 Watts on the SWR/Power meter. However, when switching to SSB I only get around 2 Watts.
I will keep trying with the supplied mic for now.

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
> > **
> > >
> > >
> > I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> > the best budget replacement microphone is for SSB.
> > I have been told that because I am too softly spoken I need to shout!
> > Something that doesn't feel natural when speaking to someone so I don't
> > make many contacts.
> > I have been looking at the possiblity of using a dynamic microphone with a
> > pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
> > damage the radio by doing something wrong!
> > Any help and advice would be appreciated.
> > Thank you.
> > Paul
> > M6AVP
> > >
> > >
> > >
>
>
> [Non-text portions of this message have been removed]
>

# 20142. Re: Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 22:48:04 UTC
From: m6avp
Topic: 20133  Message: 20142

Thank you for the comments.
I will keep trying with the supplied mic for now and play with the mic gain and compressor settings.

--- In ic706@yahoogroups.com, Mike Urso <k9fe@...> wrote:
>
> I have a good amount of low frequencies in my voice and had a similar problem. On my Mk2G I set the mic at 2, but with the compressor ON. The 2 setting seems fine for FM, the the gain provided by the compressor is great for SSB (uhf to hf). Simple to try so give it a trial period.
>
> 73 de Mike K9FE
>
> ----- Original Message -----
> From: "Wayne Bowyer" <wayne.bowyer@...>
> To: ic706@...m
> Sent: Monday, November 5, 2012 6:34:24 AM
> Subject: Re: [ic706] Microphone for SSB
>
> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
> > **
> >
> >
> > I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> > the best budget replacement microphone is for SSB.
> > I have been told that because I am too softly spoken I need to shout!
> > Something that doesn't feel natural when speaking to someone so I don't
> > make many contacts.
> > I have been looking at the possiblity of using a dynamic microphone with a
> > pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
> > damage the radio by doing something wrong!
> > Any help and advice would be appreciated.
> > Thank you.
> > Paul
> > M6AVP
> >
> >
> >
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20143. Re: Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 22:52:14 UTC
From: m6avp
Topic: 20133  Message: 20143

Thank you for the comments.
Yes I am using the supplied HM-103 mic.
I have had a look for a used Heil Traveler headset but there are none in the UK. A price of around £40 the leads is my meaning of budget.
I will keep trying with the supplied mic for now and keep an eye out for the headset.

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> What are you using now? The "standard" ICOM HM-103 hand mic, which came with
> the "original" IC-706 (no MK) and the IC-706MKII? (It may have been factory
> standard with the IC-706MKIIG as well, but I don't have one of those).
>
> From what I understand, the HM-103 has a Heil element (electret) in it that
> was designed to work with the 706, and probably works as well as another other
> hand mic out there, although I believe there are a couple of "tweaks" some
> folks have done. It seems to work well with my IC-706 and my IC-706MKII,
> which I use in the field and mobile.
>
> However, I've found that the Heil Traveler headset/mic combination designed
> for the 706 works very well, and the Heil mic element in the Traveler probably
> more optimized for the 706. I have two Heil Travelers (both old-style and new
> style) and get good audio reports, either on the 706s or with my IC-7200 (just
> have to adjust the mic gain correctly when switching the Traveler from one rig
> to another.)
>
> Don't know what "budget" means to you, but Heil Travelers can be had for
> $40-60 USD used or <$100 USD new.
>
>
> Larry J. Ford
> KG4GPJ
>
> P.S. Before anyone comments, "Yes," I have tried the set-up for the 706 sold
> by W2ENY on eBay and other ham sites purportedly allowing a common computer
> headset/mic combo to be used with the 706. Yes, it will "work," no, it will
> not work very well, audio sounds low and muffled, according to reports I have
> received, and it does not work with ALL computer headsets. It does work with
> the Labtec headset he sells with his cables (more valuable than the headset
> itself, IMHO), but I get poor audio reports.
>
>
>
> ------ Original Message ------
> Received: Mon, 05 Nov 2012 01:52:19 AM EST
> From: "m6avp" <m6avp@...>

> To: ic706@yahoogroups.com
> Subject: [ic706] Microphone for SSB
>
> > I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> the best budget replacement microphone is for SSB.
> > I have been told that because I am too softly spoken I need to shout!
> Something that doesn't feel natural when speaking to someone so I don't make
> many contacts.
> > I have been looking at the possiblity of using a dynamic microphone with a
> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to damage
> the radio by doing something wrong!
> > Any help and advice would be appreciated.
> > Thank you.
> > Paul
> > M6AVP
> >
> >
>

# 20144. Re: [ic706] Re: Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 23:51:38 UTC
From: LARRY J. FORD
Topic: 20133  Message: 20144

From the Heil Sound website: (www.heilsound.com)

(Note that the original IC-706 falls into the "low-gain" group of early ICOM rigs)

"All Things iCOM
Microphone Basics

Icom HF rigs fall into two distinct categories, as far as microphone interfacing is concerned: these are the "low-gain" models (earlier designs like the IC-735/745/751/761/765/781, non-Pro 746/756, and early IC-706), and the "modern" designs (which include the 746Pro, 756Pro series, IC-7700/7800, IC-7000, and the IC-706MkIIG).

To accommodate the low-gain Icom designs, Heil Sound developed a high-quality condenser element, called the "iC" in our products designations, that provides the optimum frequency response, impedance, and (most importantly) sufficient gain to drive these earlier rigs. The "iC" element also works tremendously well with the "modern" types of Icom rigs, making it an ideal all-around microphone. This element is found in products including the iCM base station microphone, the Handi Mic iC, the Pro Set iC, Pro Set Quiet Phones iC, Pro Set Plus iC, BM-10 iC, the Traveler series, and the Classic iC."

Note that the Heil Traveler series is recommended for the early 706.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 05 Nov 2012 05:52:33 PM EST
From: "m6avp" <m6avp@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Microphone for SSB

> Thank you for the comments.
> Yes I am using the supplied HM-103 mic.
> I have had a look for a used Heil Traveler headset but there are none in the UK. A price of around £40 the leads is my meaning of budget.
> I will keep trying with the supplied mic for now and keep an eye out for the headset.
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > What are you using now? The "standard" ICOM HM-103 hand mic, which came with
> > the "original" IC-706 (no MK) and the IC-706MKII? (It may have been factory

> > standard with the IC-706MKIIG as well, but I don't have one of those).
> >
> > From what I understand, the HM-103 has a Heil element (electret) in it
that
> > was designed to work with the 706, and probably works as well as another
other
> > hand mic out there, although I believe there are a couple of "tweaks"
some
> > folks have done. It seems to work well with my IC-706 and my IC-706MKII,
> > which I use in the field and mobile.
> >
> > However, I've found that the Heil Traveler headset/mic combination
designed
> > for the 706 works very well, and the Heil mic element in the Traveler
probably
> > more optimized for the 706. I have two Heil Travelers (both old-style and
new
> > style) and get good audio reports, either on the 706s or with my IC-7200
(just
> > have to adjust the mic gain correctly when switching the Traveler from one
rig
> > to another.)
> >
> > Don't know what "budget" means to you, but Heil Travelers can be had for
> > $40-60 USD used or <$100 USD new.
> >
> >
> > Larry J. Ford
> > KG4GPJ
> >
> > P.S. Before anyone comments, "Yes," I have tried the set-up for the 706
sold
> > by W2ENY on eBay and other ham sites purportedly allowing a common
computer
> > headset/mic combo to be used with the 706. Yes, it will "work," no, it
will
> > not work very well, audio sounds low and muffled, according to reports I
have
> > received, and it does not work with ALL computer headsets. It does work
with
> > the Labtec headset he sells with his cables (more valuable than the
headset
> > itself, IMHO), but I get poor audio reports.
> >
> >
> >
> > ------ Original Message ------
> > Received: Mon, 05 Nov 2012 01:52:19 AM EST
> > From: "m6avp" <m6avp@...>
> > To: ic706@yahoogroups.com

> > Subject: [ic706] Microphone for SSB
> >
> > > I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> > the best budget replacement microphone is for SSB.
> > > I have been told that because I am too softly spoken I need to shout!
> > Something that doesn't feel natural when speaking to someone so I don't make
> > many contacts.
> > > I have been looking at the possiblity of using a dynamic microphone with a
> > pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to damage
> > the radio by doing something wrong!
> > > Any help and advice would be appreciated.
> > > Thank you.
> > > Paul
> > > M6AVP
> > >
> > >
> >
>
>
>

# 20145. Re: Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 17:00:52 UTC
From: Bookcollector
Topic: 20133  Message: 20145

I ran a whole contest weekend last year with my mike gain set at 2 and the compressor on (mkIIg). The next week I got a new power meter and found I was only modulating up to between 5 and 10 watts out.

With the gain set at 8, I register 60-70 watts on the meter with little ALC action and had several good reports on my audio.
Ernie
W6KAP

--- In ic706@yahoogroups.com, Mike Urso <k9fe@...> wrote:
>
> I have a good amount of low frequencies in my voice and had a similar problem. On my Mk2G I set the mic at 2, but with the compressor ON. The 2 setting seems fine for FM, the the gain provided by the compressor is great for SSB (uhf to hf). Simple to try so give it a trial period.
>
> 73 de Mike K9FE
>
> ----- Original Message -----
> From: "Wayne Bowyer" <wayne.bowyer@...>
> To: ic706@yahoogroups.com
> Sent: Monday, November 5, 2012 6:34:24 AM
> Subject: Re: [ic706] Microphone for SSB
>
> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
> > **
> > >
> > >
> > > I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
> > > the best budget replacement microphone is for SSB.
> > > I have been told that because I am too softly spoken I need to shout!
> > > Something that doesn't feel natural when speaking to someone so I don't
> > > make many contacts.
> > > I have been looking at the possiblity of using a dynamic microphone with a
> > > pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
> > > damage the radio by doing something wrong!
> > > Any help and advice would be appreciated.
> > > Thank you.
> > > Paul
> > > M6AVP

> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20146. Re: [ic706] Microphone for SSB

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-05 23:48:31 UTC
From: Ryan, KB8RCR
Topic: 20133  Message: 20146

I have had excellent signal/audio reports with the Icom SM-50 desk mic. Use on both the 706 and 7000.

Ryan KB8RCR

-----Original Message-----
From: Deacon Dave
Sent: Monday, November 05, 2012 1:15 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Microphone for SSB

Communication studies by the USA military confirm that moderate Compression increases "communications ability" of transmitted SSB. Turn ON compression. If possible set it at about 6dB.

DD
----- Original Message -----
From: "Wayne Bowyer" <wayne.bowyer@...>
To: <ic706@yahoogroups.com>
Sent: Monday, November 05, 2012 7:34 AM
Subject: Re: [ic706] Microphone for SSB

> I've often heard that the very best all around mic for the 706 is the
> factory handheld mike. Do you have the mic gain up sufficiently? I run
> mine
> around 7 to 8 (advised by a long time Icom user).
>
> On Sun, Nov 4, 2012 at 7:04 AM, m6avp <m6avp@...> wrote:
>
>> **
>>
>>
>> I have just recently upgraded to an Icom IC706 Mk1 and was wondering what
>> the best budget replacement microphone is for SSB.
>> I have been told that because I am too softly spoken I need to shout!
>> Something that doesn't feel natural when speaking to someone so I don't
>> make many contacts.
>> I have been looking at the possiblity of using a dynamic microphone with
>> a
>> pre-amp as discussed by M0MTJ on his Website. Howvere, I dont want to
>> damage the radio by doing something wrong!
>> Any help and advice would be appreciated.
>> Thank you.
>> Paul
>> M6AVP
>>

>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

---

Yahoo! Groups Links

# 20147. Re: 706MKIIG AH-4 Issue

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-10 16:55:02 UTC
From: al7px
Topic: 20134  Message: 20147

I thought I give a update on my problem dealing with the 706MK2G and AH-4 dealing with cold temps. I received the tuner back from Icom (WA) with a clean bill of health this past week. They checked it with a Icom 7000 radio. Well, I have a friend with a 7000 and AH-4. I burrowed his AH-4 one day to try on my 706 and it worked perfect, even after the 706MK2G being cold soaked for close to 30 minutes in 25 degree temps. So, the next thing was to see if my AH-4 would work ok with his 7000 and it worked perfectly. Although his radio wasn't really cold (20-30F) it was just turned on for the test.
I changed out my short coax going to the tuner (2 feet) and used his longer stock length that comes with the tuner and found my 706 tuned better (quicker time tuning upper bands) even after being cold. I have since replaced my coax cable and just coiled excess into a choke and the radio tune function work considerably better even after being cold or first turned on. All bands tune within 10-15 minutes after the radio is turned on. By the way, all tuning was done with a dummy load. Go figure? But I can live with it now.
73
AL7PX
Todd

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> What radio are you trying to use?
>
> Wasn't this discussed on the ICOM Tuner forum?
>
> If the tuner checked-out, then my bet is that the radio you're using (an
> IC-746 judging from your e-mail address) has an issue with a component
> changing value with temp changes in the rig. The ICOM AH-4 (I've had a couple
> and still have an AH-4 and an AH-2) is controlled for tuning purposes by the
> microprocessor within the ICOM radios designed to work with the tuner.
>
> The component that's changing value (my guess) may be within the
> microprocessor (probably the worst outcome). If not the microprocessor, then
> I have no clue where it might be.
>
> Send the radio in to an ICOM Service Center may be the action needed at this
> point. I've had great success with Matt Adrian at ICOM Service Center -
> Michigan (SAR Technical Services, Inc.)
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Mon, 05 Nov 2012 01:52:59 AM EST

> From: "al7px" <ic7461@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706MKIIG AH-4 Issue
>
> > I just found this forum today and thought I would throw out something since
> you guys have probably seen almost everything with this radio. I use the radio
> with the AH-4 tuner and have a issue tuning the upper bands when the radio is
> first turned on. Most of the time 30,40,80 meters tune right up but the higher
> bands (10,15,20 meters) will not. After a 15-30 minute period with the radio
> powered the upper bands tune fine.
> > I thought it was a issue with the tuner and had Icom check it out and they
> couldn't find any defects. I even asked them to do the cold test before
> sending it back to me. It passed.
> > The antenna I am using is a 23 foot vertical. I also tried a dummy load and
> both have the same results. The radio has very little use and has never been
> mobile. Tuner sat in my closet for 5 year up until this past summer.
> > Any ideas would be greatly appreciated.
> > AL7PX
> > 73,
> > Todd
> >
> >
>

# 20148. CTCSS & Repeaters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-10 16:59:59 UTC
From: mw1lcr
Topic: 20148  Message: 20148

Hi all

I have just bought a 706 MKII G (DSP) and am having difficulty setting up memories & repeaters & tones.

I want to get to the point where I have 10 - 15 repetaers set up in the memories so that I can just flip between them...

I have a number of repeaters in range, using a mixture of different CTCSS tones to gain access.

Whenever I set up a memory channel with say, 71.9 CTCSS, it will work, then if program another channel with 110,9 that will work, but the 71,9 memory won't!

I have a copy of IC706_BKT running and that has helped program the memories, but it seems the 706 just wants to do its own thing!

Any ideas hep ?

Cheers

Adrian MW1LCR

# 20149. Re: [ic706] CTCSS & Repeaters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-10 20:23:51 UTC
From: AG0N-3055
Topic: 20148  Message: 20149

On Sat, 10 Nov 2012 16:59:59 -0000, mw1lcr wrote:

> Whenever I set up a memory channel with say, 71.9 CTCSS, it will work, then if program another channel with 110,9 that will work, but the 71,9 memory won't!

I haven't used the 706 on FM, but it sounds like you aren't saving the memory after putting the tone on it.

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 20150. Re: [ic706] CTCSS & Repeaters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-10 21:01:26 UTC
From: Mark Brueggemann
Topic: 20148  Message: 20150

--- > On Sat, 10 Nov 2012 16:59:59 -0000, mw1lcr wrote:

> > Whenever I set up a memory channel with say, 71.9
> CTCSS, it will work, then if program another channel with
> 110,9 that will work, but the 71,9 memory won't!

I recall the CIV protocol on the 706 doesn't support writing tones to memory.

Mark K5LXP
Albuquerque, NM

# 20151. Re: [ic706] CTCSS & Repeaters

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-10 22:15:26 UTC
From: jack.mrfixit198@gmail.com
Topic: 20148  Message: 20151

That is correct. all tone info has to be entered manually then stored.

-----Original Message-----
From: Mark Brueggemann
Sent: Saturday, November 10, 2012 4:01 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] CTCSS & Repeaters

--- > On Sat, 10 Nov 2012 16:59:59 -0000, mw1lcr wrote:

> > Whenever I set up a memory channel with say, 71.9
> CTCSS, it will work, then if program another channel with
> 110,9 that will work, but the 71,9 memory won't!

I recall the CIV protocol on the 706 doesn't support writing tones to
memory.

Mark K5LXP
Albuquerque, NM

---

Yahoo! Groups Links

# 20152. looking for a PLL unit

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 15:16:37 UTC
From: Dihan Angelo De Silva
Topic: 20152  Message: 20152

Hi all...

im looking for a PLL unit for an ICOM IC-706 (MK1). icom does not manufacture these anymore... can anyone help me get one?

thanks

Dihan Angelo De Silva

facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 20153. 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 20:06:38 UTC
From: ke5dpe
Topic: 20153  Message: 20153

My 706 MKII is only showing approx 15-20 watt output across the bands.
DID a reset on the radio. After tuning the antenna and trying to adjust the power up, It increases from L to 3 (up to about 20 watts max) but no further increase up to H. Anyone have any suggestions on what to try or should I find a tech?

# 20154. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 22:19:28 UTC
From: LARRY J. FORD
Topic: 20153  Message: 20154

Have you checked the supply voltage to the rig?

If it's 13.8 VDC, or close, then my best guess is that you may have "soft" PA transistors.

If it needs to go to repair shop, I recommend Matt Adrian at SAR Technical Services in Michigan, an independent ICOM Approved Service Center. I and many others have had very good dealings with Matt, who provides good, prompt service at reasonable prices. I have had him work on my 706s as well as my 7200.

Check out his eHam ratings.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 13 Nov 2012 05:00:48 PM EST
From: "ke5dpe" <kevincbruce@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706 MKII power output

> My 706 MKII is only showing approx 15-20 watt output across the bands.
> DID a reset on the radio. After tuning the antenna and trying to adjust the power up, It increases from L to 3 (up to about 20 watts max) but no further increase up to H. Anyone have any suggestions on what to try or should I find a tech?
>
>

# 20155. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 22:31:41 UTC
From: Ralph Mowery
Topic: 20153  Message: 20155

If the SWR of the antenna is ok, check the DC power contacts on the radio to make sure the full voltage is reaching the rig.  You might also want to check several bands.  It could be the filter circuit on one band is not working correctly.

Other than that, it looks like a trip to the repair man.

I sent a 706 off to Matt about a year ago now.  He repaired it and the cost was very reasonable.  He seems to stay busy so it may take him a couple of weeks to do the job, but it will be done right.
That is the way the good repair men are, booked up all the time.

--- On Tue, 11/13/12, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@usa.net>
Subject: Re: [ic706] 706 MKII power output
To: ic706@...m
Date: Tuesday, November 13, 2012, 5:19 PM

Have you checked the supply voltage to the rig?

If it's 13.8 VDC, or close, then my best guess is that you may have "soft" PA transistors.

If it needs to go to repair shop, I recommend Matt Adrian at SAR Technical Services in Michigan, an independent ICOM Approved Service Center.  I and many others have had very good dealings with Matt, who provides good, prompt service at reasonable prices.  I have had him work on my 706s as well as my 7200.

Check out his eHam ratings.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 20156. Re: 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 22:31:17 UTC
From: ke5dpe
Topic: 20153  Message: 20156

Reading between 13.8-14.0 v

Output seems OK on 2meters but thats the only one.
I was afraid it might be the finals. I guess I'll give SAR a call.

Thanks.

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> Have you checked the supply voltage to the rig?
>
> If it's 13.8 VDC, or close, then my best guess is that you may have "soft" PA
> transistors.
>
> If it needs to go to repair shop, I recommend Matt Adrian at SAR Technical
> Services in Michigan, an independent ICOM Approved Service Center. I and many
> others have had very good dealings with Matt, who provides good, prompt
> service at reasonable prices. I have had him work on my 706s as well as my
> 7200.
>
> Check out his eHam ratings.
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Tue, 13 Nov 2012 05:00:48 PM EST
> From: "ke5dpe" <kevincbruce@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 MKII power output
>
> > My 706 MKII is only showing approx 15-20 watt output across the bands.
> > DID a reset on the radio. After tuning the antenna and trying to adjust the
> power up, It increases from L to 3 (up to about 20 watts max) but no further
> increase up to H. Anyone have any suggestions on what to try or should I find
> a tech?
> >
> >
>

# 20157. Re: 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-13 22:32:35 UTC
From: ke5dpe
Topic: 20153  Message: 20157

Thanks...I'll give him a call.

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> If the SWR of the antenna is ok, check the DC power contacts on the radio to make sure the full voltage is reaching the rig.  You might also want to check several bands.  It could be the filter circuit on one band is not working correctly.
>
> Other than that, it looks like a trip to the repair man.
>
> I sent a 706 off to Matt about a year ago now.  He repaired it and the cost was very reasonable.  He seems to stay busy so it may take him a couple of weeks to do the job, but it will be done right.
> That is the way the good repair men are, booked up all the time.
>
>
>
> --- On Tue, 11/13/12, LARRY J. FORD <lford@...> wrote:
>
>
> From: LARRY J. FORD <lford@...>
> Subject: Re: [ic706] 706 MKII power output
> To: ic706@yahoogroups.com
> Date: Tuesday, November 13, 2012, 5:19 PM
>
>
> Have you checked the supply voltage to the rig?
>
> If it's 13.8 VDC, or close, then my best guess is that you may have "soft" PA
> transistors.
>
> If it needs to go to repair shop, I recommend Matt Adrian at SAR Technical
> Services in Michigan, an independent ICOM Approved Service Center.  I and many
> others have had very good dealings with Matt, who provides good, prompt
> service at reasonable prices.  I have had him work on my 706s as well as my
> 7200.
>
> Check out his eHam ratings.
>
> Larry J. Ford
> KG4GPJ
>
>
>
>

> [Non-text portions of this message have been removed]
>

# 20158. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-14 14:34:04 UTC
From: Colin XSD
Topic: 20153  Message: 20158

It is worth checking the Supply out of the Tuner connector on Tx, I had
a problem with the Rigs Power Connector and the supply to the Tuner was
dropping badly (causing me tuning issues as well as low power).

73,
Colin
M0XSD.

On 13/11/2012 22:31, Ralph Mowery wrote:
>
> If the SWR of the antenna is ok, check the DC power contacts on the
> radio to make sure the full voltage is reaching the rig. You might
> also want to check several bands. It could be the filter circuit on
> one band is not working correctly.
>
> Other than that, it looks like a trip to the repair man.
>
> I sent a 706 off to Matt about a year ago now. He repaired it and the
> cost was very reasonable. He seems to stay busy so it may take him a
> couple of weeks to do the job, but it will be done right.
> That is the way the good repair men are, booked up all the time.
>
>
> --- On Tue, 11/13/12, LARRY J. FORD <lford@...
> <mailto:lford%40usa.net>> wrote:
>
> From: LARRY J. FORD <lford@... <mailto:lford%40usa.net>>
> Subject: Re: [ic706] 706 MKII power output
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Date: Tuesday, November 13, 2012, 5:19 PM
>
> Have you checked the supply voltage to the rig?
>
> If it's 13.8 VDC, or close, then my best guess is that you may have
> "soft" PA
> transistors.
>
> If it needs to go to repair shop, I recommend Matt Adrian at SAR Technical
> Services in Michigan, an independent ICOM Approved Service Center. I
> and many
> others have had very good dealings with Matt, who provides good, prompt
> service at reasonable prices. I have had him work on my 706s as well
> as my
> 7200.
>

> Check out his eHam ratings.
>
> Larry J. Ford
> KG4GPJ
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20159. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-14 19:59:48 UTC
From: Deacon Dave
Topic: 20153  Message: 20159

What mode was used to measure the output? AM, FM, RTTY, SSB ?

Full power should be measured using FM or RTTY

----- Original Message -----
From: ke5dpe
To: ic706@yahoogroups.com
Sent: Tuesday, November 13, 2012 3:06 PM
Subject: [ic706] 706 MKII power output

My 706 MKII is only showing approx 15-20 watt output across the bands.
DID a reset on the radio. After tuning the antenna and trying to adjust the power up, It increases from L to 3 (up to about 20 watts max) but no further increase up to H. Anyone have any suggestions on what to try or should I find a tech?

[Non-text portions of this message have been removed]

# 20160. RE: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 01:30:33 UTC
From: Kevin Bruce
Topic: 20153  Message: 20160

Power was being measured on FM.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Deacon Dave
Sent: Wednesday, November 14, 2012 2:00 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 MKII power output

What mode was used to measure the output? AM, FM, RTTY, SSB ?

Full power should be measured using FM or RTTY

----- Original Message -----
From: ke5dpe
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Tuesday, November 13, 2012 3:06 PM
Subject: [ic706] 706 MKII power output

My 706 MKII is only showing approx 15-20 watt output across the bands. DID a reset on the radio. After tuning the antenna and trying to adjust the power up, It increases from L to 3 (up to about 20 watts max) but no further increase up to H. Anyone have any suggestions on what to try or should I find a tech?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20161. Re: 706 MKII power output Shipped to tech.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 02:07:28 UTC
From: ke5dpe
Topic: 20153  Message: 20161

Went ahead and shipped it off to SAR in Mich. I'll post the verdict when I get info back from them.
Thanks all!

--- In ic706@yahoogroups.com, "Kevin Bruce" <kevincbruce@...> wrote:
>
> Power was being measured on FM.
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Deacon Dave
> Sent: Wednesday, November 14, 2012 2:00 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 706 MKII power output
>
>
>
>
>
> What mode was used to measure the output? AM, FM, RTTY, SSB ?
>
> Full power should be measured using FM or RTTY
>
> ----- Original Message -----
> From: ke5dpe
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Sent: Tuesday, November 13, 2012 3:06 PM
> Subject: [ic706] 706 MKII power output
>
> My 706 MKII is only showing approx 15-20 watt output across the bands.
> DID a reset on the radio. After tuning the antenna and trying to adjust the
> power up, It increases from L to 3 (up to about 20 watts max) but no further
> increase up to H. Anyone have any suggestions on what to try or should I
> find a tech?
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20162. AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 02:33:58 UTC
From: ray
Topic: 62  Message: 20162

How can I get my AH-4 to work with a kenwood rig....the ah4 is at the base of my homebrew vertical but now I have a kenwood ts870...has anyone REALLY tried...tks Ray

# 20163. Re: [ic706] AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 02:45:03 UTC
From: Dave Santoro - W6BTS
Topic: 62  Message: 20163

Hi Ray,

Doesn't the TS870s have a built in Antenna Tuner?

Dave
W6BTS

_____
----- Original Message -----
From: ray
To: ic706@yahoogroups.com
Sent: Wednesday, November 14, 2012 6:33 PM
Subject: [ic706] AH-4

How can I get my AH-4 to work with a kenwood rig....the ah4 is at the base of my homebrew vertical but now I have a kenwood ts870...has anyone REALLY tried...tks Ray

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20164. Re: [ic706] AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 03:19:24 UTC
From: ray nickell
Topic: 62  Message: 20164

yes...but the best place for a tuner is at the base of the antenna.....i have the ic776pro and ah4 now...but want to try the remote tuner thru the ts870.

KF0AF

--- On Wed, 11/14/12, Dave Santoro - W6BTS <w6bts@...g> wrote:

From: Dave Santoro - W6BTS <w6bts@...>
Subject: Re: [ic706] AH-4
To: ic706@yahoogroups.com
Date: Wednesday, November 14, 2012, 9:45 PM

Hi Ray,

Doesn't the TS870s have a built in Antenna Tuner?

Dave

W6BTS

_____

----- Original Message -----

From: ray

To: ic706@yahoogroups.com

Sent: Wednesday, November 14, 2012 6:33 PM

Subject: [ic706] AH-4

How can I get my AH-4 to work with a kenwood rig....the ah4 is at the base of my homebrew vertical but now I have a kenwood ts870...has anyone REALLY tried...tks Ray

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20165. Fwd: Re: [ic706] AH-4

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-15 03:26:38 UTC
From: LARRY J. FORD
Topic: 20165  Message: 20165

Yes, someone has really tried to use the AH-4 with non-ICOM rigs.

It can work with an interface between the AH-4 and the TS-870 (I used to have an 870 and sold it to buy an IC-7200).

There are a number of interface plans on the Internet.

You can find one example here:

http://home.comcast.net/~hamlakemn/Hamoperator/AH-4_Universal_Interface_files/ah4-manual-5.pdf
-
I believe this interface uses an RS-232 port to key the AH-4 and the TS-870 does have an RS-232 port also. So, that's one possibility.

You may be able to use the Accessory Port on the TS-870, also.

Here's another example:
http://home.ix.netcom.com/~hmlong/#Ken%20Short%20Discussion

So it is possible, looks like it depends on how bad you want to do it!

Good luck.

Larry J. Ford
KG4GPJ
(AH-4 & AH-2)

------ Original Message ------
Received: Wed, 14 Nov 2012 09:34:23 PM EST
From: "ray" <r_nicl@...>
To: ic706@yahoogroups.com
Subject: [ic706] AH-4

> How can I get my AH-4 to work with a kenwood rig....the ah4 is at the base of my homebrew vertical but now I have a kenwood ts870...has anyone REALLY tried...tks Ray
>
>

# 20166. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-16 00:58:11 UTC
From: JOHNQRZ@AOL.COM
Topic: 20153  Message: 20166

Are you in Livermore ??

-----Original Message-----
From: Deacon Dave <w1mce@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Nov 14, 2012 11:59 am
Subject: Re: [ic706] 706 MKII power output

What mode was used to measure the output? AM, FM, RTTY, SSB ?

Full power should be measured using FM or RTTY

----- Original Message -----
From: ke5dpe
To: ic706@yahoogroups.com
Sent: Tuesday, November 13, 2012 3:06 PM
Subject: [ic706] 706 MKII power output

My 706 MKII is only showing approx 15-20 watt output across the bands.
DID a reset on the radio. After tuning the antenna and trying to adjust the power up, It increases from L to 3 (up to about 20 watts max) but no further increase up to H. Anyone have any suggestions on what to try or should I find a tech?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20167. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-16 11:32:15 UTC
From: terry nichols
Topic: 20153  Message: 20167

---
From: "JOHNQRZ@..." <JOHNQRZ@AOL.COM>
To: ic706@yahoogroups.com
Sent: Fri, November 16, 2012 12:43:02 AM
Subject: Re: [ic706] 706 MKII power output

Are you in Livermore ??

-----Original Message-----
From: Deacon Dave <w1mce@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Nov 14, 2012 11:59 am
Subject: Re: [ic706] 706 MKII power output

What mode was used to measure the output? AM, FM, RTTY, SSB ?

Full power should be measured using FM or RTTY

----- Original Message -----
From: ke5dpe
To: ic706@yahoogroups.com
Sent: Tuesday, November 13, 2012 3:06 PM
Subject: [ic706] 706 MKII power output

My 706 MKII is only showing approx 15-20 watt output across the bands.
DID a reset on the radio. After tuning the antenna and trying to adjust the
power up, It increases from L to 3 (up to about 20 watts max) but no further
increase up to H. Anyone have any suggestions on what to try or should I find a
tech?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20168. Re: [ic706] 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-16 22:29:58 UTC
From: Deacon Dave
Topic: 20153  Message: 20168

30 years ago I did business in Livermore, Ca.

DD

----- Original Message -----
From: JOHNQRZ@...
To: ic706@yahoogroups.com
Sent: Thursday, November 15, 2012 7:58 PM
Subject: Re: [ic706] 706 MKII power output

Are you in Livermore ??

-----Original Message-----
From: Deacon Dave <w1mce@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Nov 14, 2012 11:59 am
Subject: Re: [ic706] 706 MKII power output

What mode was used to measure the output? AM, FM, RTTY, SSB ?

Full power should be measured using FM or RTTY

----- Original Message -----
From: ke5dpe
To: ic706@yahoogroups.com
Sent: Tuesday, November 13, 2012 3:06 PM
Subject: [ic706] 706 MKII power output

My 706 MKII is only showing approx 15-20 watt output across the bands.
DID a reset on the radio. After tuning the antenna and trying to adjust the
power up, It increases from L to 3 (up to about 20 watts max) but no further
increase up to H. Anyone have any suggestions on what to try or should I
find a tech?

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20169. External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 03:56:30 UTC
From: wd0ss
Topic: 20169  Message: 20169

Hello group,

I've come up with a way to connect an external S-Meter to the 706 (without opening up the radio) and would be curious to know how many others might find this to be a desirable device. The meter functions exactly as the radio's standard meter and will also operate in Power, SWR, and ALC modes (fast or slow ALC).

I created the external S-meter because I just prefer an analog meter. It turned out so well that I am considering moving forward with producing the meter if there is enough interest.

I would enjoy hearing from those who might like to see a product like this and would appreciate any feedback such as what you think a reasonable price might be, etc. You can reach me at wd0ss_at_arrl_dot_net.

Thanks & 73!
Robert
WD0SS

# 20170. Re: [ic706] External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 04:34:56 UTC
From: Facility 406 DM09
Topic: 20169  Message: 20170

"I've come up with a way to connect an external S-Meter to the 706 (without opening up the radio) and would be curious to know how many others might find this to be a desirable device."

I used to us the 706MKII for RFI searching. An external analog meter on top of the dashboard of my truck would have been VERY helpful, kind of hard to drive while looking down at the scale.

NOW, I have a 706 MKIIG, would really like the same thing, an external analog meter on top of the dashboard, or, even just a red LED bargraph, now that I think about it....

Anything out there for this?

Kurt

# 20171. Re: [ic706] External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 04:58:48 UTC
From: Ralph Mowery
Topic: 20169  Message: 20171

While not what you wanted, here is a program that you could run from a laptop that would be a lot easier to see.

http://www.softpedia.com/get/Multimedia/Audio/Other-AUDIO-Tools/S-Meter-Lite.shtml

--- On Sun, 11/18/12, Facility 406 DM09 <facility_406@...> wrote:

From: Facility 406 DM09 <facility_406@...>
Subject: Re: [ic706] External S-Meter
To: ic706@yahoogroups.com
Date: Sunday, November 18, 2012, 11:34 PM

"I've come up with a way to connect an external S-Meter to the 706 (without opening up the radio) and would be curious to know how many others might find this to be a desirable device."

I used to us the 706MKII for RFI searching.  An external analog meter on top of the dashboard of my truck would have been VERY helpful, kind of hard to drive while looking down at the scale.

NOW, I have a 706 MKIIG, would really like the same thing, an external analog meter on top of the dashboard, or, even just a red LED bargraph, now that I think about it....

Anything out there for this?

Kurt

[Non-text portions of this message have been removed]

# 20172. Re: [ic706] External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 13:48:32 UTC
From: terry nichols
Topic: 20169  Message: 20172

I would be interested

--- On Mon, 11/19/12, wd0ss <wd0ss@...> wrote:

From: wd0ss <wd0ss@...>
Subject: [ic706] External S-Meter
To: ic706@yahoogroups.com
Date: Monday, November 19, 2012, 3:56 AM

Hello group,

I've come up with a way to connect an external S-Meter to the 706 (without opening up the radio) and would be curious to know how many others might find this to be a desirable device. The meter functions exactly as the radio's standard meter and will also operate in Power, SWR, and ALC modes (fast or slow ALC).

I created the external S-meter because I just prefer an analog meter. It turned out so well that I am considering moving forward with producing the meter if there is enough interest.

I would enjoy hearing from those who might like to see a product like this and would appreciate any feedback such as what you think a reasonable price might be, etc. You can reach me at wd0ss_at_arrl_dot_net.

Thanks & 73!

Robert

WD0SS

[Non-text portions of this message have been removed]

# 20173. Re: External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 15:25:51 UTC
From: Tom Root
Topic: 20169  Message: 20173

I'm interested! J ..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20174. Re: [ic706] Re: External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-19 16:16:31 UTC
From: LARRY J. FORD
Topic: 20169  Message: 20174

I might be, if I could "see" a demonstration (e.g., YouTube video) and at least get an indication of what's required to connect it.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 19 Nov 2012 10:26:17 AM EST
From: "Tom Root" <wb8uuj@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] Re: External S-Meter

> I'm interested! J ..T
>
>
>
> Tom Root (WB8UUJ)
>
> Flushing, MI USA
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20175. 706mkiig transmits on wrong freq

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-20 11:04:06 UTC
From: Chuck Forsberg WA7KGX N2469R
Topic: 20175  Message: 20175

Recently, when I transmit on 147.54 FM simplex,
my 706 MKIIg outputs a signal on 113 MHz if the
power is set to LOW instead of the desired frequency.

If I increase the 706 power setting the output jumps from
113 MHz to the specified frequency after a short time
of perhaps 200 milliseconds or so.

The receive frequency is not affected by this anomaly.

Any ideas where to look?

--
Chuck Forsberg WA7KGX N2469R caf@... www.omen.com
Developer of Industrial ZMODEM(Tm) for Embedded Applications
Omen Technology Inc "The High Reliability Software"
10255 NW Old Cornelius Pass Portland OR 97231 503-614-0430

# 20176. Re: 706 MKII power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-20 13:59:29 UTC
From: dfas_eu
Topic: 20153  Message: 20176

> ----- Original Message -----
> From: ke5dpe
> To: ic706@yahoogroups.com
> Sent: Tuesday, November 13, 2012 3:06 PM
> Subject: [ic706] 706 MKII power output
>
> My 706 MKII is only showing approx 15-20 watt output across the bands.
> DID a reset on the radio. After tuning the antenna and trying to adjust the
> power up, It increases from L to 3 (up to about 20 watts max) but no further
> increase up to H. Anyone have any suggestions on what to try or should I
> find a tech?

Have the same problem with my 706MKII. Turn it on and transmit (AM/ SSB ...) the power goes up to about 15 Watts and shortly falls down to about 5 Watt. Powerlevel is set to High. The power drawn from the battery is 12 Volt, 21 Amp - so it does draw power and also it is getting really hot too. Could it be a defective relay? Somewhere the power is burn'd and I have read about this problem on other sites too. Have not heard about a solution. Don't we have some good technicians here which could help?

Thanks
Harry from Germany

# 20177. Re: External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-20 15:51:49 UTC
From: michaelheit
Topic: 20169  Message: 20177

I most assuredly am interested. Thank you.
Michael AD7VV
North Pole, Alaska

Sent from Samsung Mobile

[Non-text portions of this message have been removed]

# 20178. Re: [ic706] Re: External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-20 22:24:14 UTC
From: Wayne Bowyer
Topic: 20169  Message: 20178

To AD7VV--

If you see Santa please tell him that regardless of what he's heard I've really been a good boy.

Wayne
n4eyz

On Tue, Nov 20, 2012 at 10:51 AM, michaelheit <michaelheit@...> wrote:

> **
>
>
> I most assuredly am interested. Thank you.
> Michael AD7VV
> North Pole, Alaska
>
> Sent from Samsung Mobile
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 20179. Re: External S-Meter

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-21 23:55:24 UTC
From: henry
Topic: 20169  Message: 20179

How much??

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> To AD7VV--
>
> If you see Santa please tell him that regardless of what he's heard I've
> really been a good boy.
>
> Wayne
> n4eyz
>
> On Tue, Nov 20, 2012 at 10:51 AM, michaelheit <michaelheit@...> wrote:
>
> > **
> > >
> > >
> > I most assuredly am interested. Thank you.
> > Michael AD7VV
> > North Pole, Alaska
> > >
> > Sent from Samsung Mobile
> > >
> > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
> [Non-text portions of this message have been removed]
>

# 20180. Stolen IC 706MK2G control head and mic

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-21 05:57:21 UTC
From: kash_4k
Topic: 20180  Message: 20180

My control head and mic were stolen from Huntington Beach, Ca. So I'll need a replcaement if possible. If anyone knows where I could find one, let me know.

Another option is finding a broken body, but functioning control head.

# 20181. MDSR V2.5 has now been released (multi plaform IF-SDR interface) RIG upgrade

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-22 21:35:41 UTC
From: alexschwarz237
Topic: 20181  Message: 20181

Please join the group to access all the information and instructions on how to upgrade all different types of radios.

The new update builds on the multi platform system (FT-817,857,897, IC-7000, IC703,706 and more) and provides IF SDR capabilities to these transceivers. All that is required is the LIF2012 PCB and it connects the radio via the IF down-converter to the sound card.

The new V2.5 has a new filter slope setting for the RX and TX filter which allows to precisely tailor the LIF filter response for extreme audio clarity. Adjustment instructions can be found in the pdf manual which is accessible through the "Disk" icon on the MDSR-spectrum analyzer window - click on "Manual MDSR-J Engine".

The MDSR software is free to use as long as it is for non commercial HAM radio purposes.

Thanks a lot and have a great time with the new release;

The MDSR Team

# 20182. AM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-26 22:26:44 UTC
From: wayne
Topic: 3284  Message: 20182

Anyone operating in AM mode? I can not get good audio out on AM, Help.

# 20183. Re: [ic706] AM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-27 10:00:38 UTC
From: RAYMOND J JONES
Topic: 3284  Message: 20183

undefined---------- On Mon, Nov 26, 2012 5:26 PM EST wayne wrote:
>Anyone operating in AM mode? I can not get good audio out on AM, Help. > >

# 20184. Re: [ic706] AM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-27 16:31:45 UTC
From: Joe Isabella
Topic: 3284  Message: 20184

I ran lots of AM on mine.  Set the power to about 25 or 30W carrier, and it should modulate fine.  I think I got about 85% or so out of it.  I used to drive an amp to about 300W carrier on 75/40m AM with excellent results.

Joe, N3JI

---

From: wayne <wayneaa5jj@...>
To: ic706@yahoogroups.com
Sent: Monday, November 26, 2012 4:26 PM
Subject: [ic706] AM mode

Anyone operating in AM mode? I can not get good audio out on AM, Help.

[Non-text portions of this message have been removed]

# 20185. Re: [ic706] AM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 00:23:59 UTC
From: Mark Brueggemann
Topic: 3284  Message: 20185

On Tue, Nov 27, 2012 9:31 AM MST Joe Isabella wrote:

> I ran lots of AM on mine.

Does the 706 have DSB AM or SSB with carrier like a 735? I've never checked mine.

Mark K5LXP
Albuquerque, NM

# 20186. Re: [ic706] AM mode

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 06:03:13 UTC
From: Joe Isabella
Topic: 3284  Message: 20186

Low-level DSB AM -- transmits though the same filter used for AM RX.

Joe, N3JI

---
From: Mark Brueggemann <qrq_cw@...>
To: ic706@yahoogroups.com
Sent: Tuesday, November 27, 2012 6:23 PM
Subject: Re: [ic706] AM mode

On Tue, Nov 27, 2012 9:31 AM MST Joe Isabella wrote:

> I ran lots of AM on mine.

Does the 706 have DSB AM or SSB with carrier like a 735? I've never checked mine.

Mark K5LXP
Albuquerque, NM

[Non-text portions of this message have been removed]

# 20187. psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 18:27:57 UTC
From: terry nichols
Topic: 20187  Message: 20187

Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators using for interface and computer software?

Terry kc8ctc

# 20188. Re: psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 18:49:04 UTC
From: Bookcollector
Topic: 20187  Message: 20188

I'm using SignaLink USB with my mkIIg and HRD/Digital Master 780. 98% of my digital activity is on JT65 with JT-Alert.
Ernie
W6KAP

# 20189. Re: [ic706] Re: psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:04:33 UTC
From: Eric Mynes
Topic: 20187  Message: 20189

Greetings,

I have a 706mkII that I run everything I can on. I have it interfaced with my PC through a Rigblaster (I have both the plus and m8 models setup for either my 703 or my 706 as they work interchangeably). For software, I'm currently using MMSSTV for slow scan TV, JT65-HF for JT65, and DM780 (from the HRD package) for PSK (31, 63, and 125), RTTY, Olivia, Feld Hell, and Domino. I've used/played with FLDigi too. I just didn't care for the program. Heck, I can even receive CW with my setup.

Before I start getting flamed about my choices, FLDigi is a good piece of software. It just didn't work well for my operating ways. You might love it and hate DM780, but that is one of the joys of this hobby. We can each do what we want to. Now for RTTY, I know it is AFSK that I am running. It my bother some purest out there. I know of locals that aren't happy that I run AFSK on my RTTY. I understand that. I'm more interested in in getting them in the logs not how my RTTY was setup to get them there.

I hope this helps.

73,
Eric
k8ohz

On Wed, Nov 28, 2012 at 1:49 PM, Bookcollector <bookcollector@volcano.net>wrote:

> **
>
>
> I'm using SignaLink USB with my mkIIg and HRD/Digital Master 780. 98% of
> my digital activity is on JT65 with JT-Alert.
> Ernie
> W6KAP
>
>
>

--
A wise man once said nothing.

[Non-text portions of this message have been removed]

# 20190. FLDigi Issues (was: psk31 with ic-706)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:13:52 UTC
From: LARRY J. FORD
Topic: 20190  Message: 20190

Not directly 706-related (although I have two), but I also tried FLDigi with my IC-7200 which I use for digital/soundcard modes (the 7200 makes it easy with a built-in USB/soundcard port - no interface needed), but I could get FLDigi to key the rig.

Receive was fine, but it just would not transmit. This was after I had already set-up Ham Radio Deluxe/DM-780 to run with the 7200 and those two problems worked great.

I never did figure out the issue with FLDigi and the 7200, but since HRD/DM-780 was already working so well, I ceased further efforts to trouble-shoot the situation and use HRD/DM-780 exclusively.

To make it 706-related, I'm getting ready to build one of Skip Teller's soundcard interface kits to use with one of my 706s for soundcard modes, but I will continue to use HRD/DM-780 as the software.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 28 Nov 2012 02:05:05 PM EST
From: Eric Mynes <kc8wzb@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: psk31 with ic-706

> Greetings,
><SNIP>
>I've used/played with FLDigi too. I just didn't care for the
> program. Heck, I can even receive CW with my setup.
>
> Before I start getting flamed about my choices, FLDigi is a good piece of
> software. It just didn't work well for my operating ways. You might love
> it and hate DM780, but that is one of the joys of this hobby. We can each
> do what we want to. <SNIP>
>
> 73,
> Eric
> k8ohz
>
> On Wed, Nov 28, 2012 at 1:49 PM, Bookcollector
<bookcollector@...>wrote:
>
> > **
> >
> >

> > I'm using SignaLink USB with my mkIIg and HRD/Digital Master 780. 98% of
> > my digital activity is on JT65 with JT-Alert.
> > Ernie
> > W6KAP
> >
> >
> >
>
>
>
> --
> A wise man once said nothing.
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20191. Re: [ic706] Re: psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:19:03 UTC
From: David Westbrook
Topic: 20187  Message: 20191

for RTTY AFSK vs FSK -- you're right that end result is the same, but note with FSK you get to take advantage of the 706's RTTY mode narrow filter (with AFSK it's in USB or LSB mode so don't get that) AND you don't have to worry about ALC & soundcard audio out levels. ... OTOH AFSK is easier to get going hardware wise.

--david
KJ4IZW

On Wed, Nov 28, 2012 at 2:04 PM, Eric Mynes <kc8wzb@...> wrote:

> Greetings,
>
> I have a 706mkII that I run everything I can on. I have it interfaced with
> my PC through a Rigblaster (I have both the plus and m8 models setup for
> either my 703 or my 706 as they work interchangeably). For software, I'm
> currently using MMSSTV for slow scan TV, JT65-HF for JT65, and DM780 (from
> the HRD package) for PSK (31, 63, and 125), RTTY, Olivia, Feld Hell, and
> Domino. I've used/played with FLDigi too. I just didn't care for the
> program. Heck, I can even receive CW with my setup.
>
> Before I start getting flamed about my choices, FLDigi is a good piece of
> software. It just didn't work well for my operating ways. You might love
> it and hate DM780, but that is one of the joys of this hobby. We can each
> do what we want to. Now for RTTY, I know it is AFSK that I am running. It
> my bother some purest out there. I know of locals that aren't happy that I
> run AFSK on my RTTY. I understand that. I'm more interested in in getting
> them in the logs not how my RTTY was setup to get them there.
>
> I hope this helps.
>
> 73,
> Eric
> k8ohz
>
> On Wed, Nov 28, 2012 at 1:49 PM, Bookcollector <bookcollector@...
> >wrote:
>
> > **
> >
> >
> > I'm using SignaLink USB with my mkIIg and HRD/Digital Master 780. 98% of
> > my digital activity is on JT65 with JT-Alert.
> > Ernie
> > W6KAP
> >

> >
> >
>
>
>
> --
> A wise man once said nothing.
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 20192. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:31:37 UTC
From: David Westbrook
Topic: 20187  Message: 20192

I use the DXLab Suite which includes WinWarbler ... MultiPSK, MixW,
FLDigi, HRD/DM780 are common, too ...

for interface (706MKII here), need three basic things:
radio audio out going to soundcard line-in (or mic-in)
soundcard audio out going to radio line-in (or mic-in)
a way to key TX -- PTT line or VOX

Several options for doing this:

A) The proof-of-concept way -- just put computer mic by radio speaker, and
radio mic by computer speaker ... and for PTT manually key mic. It can
work just to see some decodes ... obviously not a real solution, but fun :)

B.1) directly connect the audio ... This can work, but is prone to ground
loops/hum problems ... But maybe just to get going and see some decodes
and some proof-of-concept TX'ing.

B.2) connect audio, but with 1:1 isolation transformers ... lots of
circuit diagrams on the web ... Including Dec2012 QST -- article on a
simple voice keyer interface, which is really most of a digital interface
-- just need the
I used the ISOKit (discontinued) from BuxComm, and go to the ACC Jack on
the 706MKII.

C) pre-made interface, like rigblaster, signalink, MFJ, etc.

~~~~~

Definitely recommend getting a 2nd soundcard (if interface isn't a
soundcard itself) -- don't want the radio soundcard to be the windows
default soundcard.

~~~~~

The digitalradio yahoo group is a good resource, too, for help on getting
interface going, and for operation in any digital mode.

--david
KJ4IZW

On Wed, Nov 28, 2012 at 1:27 PM, terry nichols <tdnichols1970@...>wrote:

> **
>
>
> Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators
> using for interface and computer software?

>
> Terry kc8ctc
>
>
>

[Non-text portions of this message have been removed]

# 20193. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:39:40 UTC
From: John
Topic: 20187  Message: 20193

I use Digipan software for PSK31 and PSK63. For an interface, I just use an RJ45 LAN cable to plug into the mic jack and cut the plug off the other end and spliced the wires into a 1/8" to 1/8" jack cable that I cut in half. You can get both the transmit audio and the receive audio from the mic jack. Just plug the 2 jacks into the soundcard and use VOX to key the transmitter. Didn't cost me a cent since I had these cables laying around the house.

73 John AF5CC

On Wed, Nov 28, 2012 at 12:27 PM, terry nichols <tdnichols1970@...>wrote:

> **
>
>
> Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators
> using for interface and computer software?
>
> Terry kc8ctc
>
>
>

[Non-text portions of this message have been removed]

# 20194. Re: [ic706] FLDigi Issues (was: psk31 with ic-706)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 19:41:36 UTC
From: John
Topic: 20190  Message: 20194

You can use the narrow CW filter for AFSK as well. In the initial start menu, tell the rig that it is the SSB filter instead (FL223). That way you can select it while in SSB mode for AFSK. Works fine on my 706 original, and I can use it on CW as well.

73 John AF5CC

On Wed, Nov 28, 2012 at 1:13 PM, LARRY J. FORD <lford@...> wrote:

> **
>
>
> Not directly 706-related (although I have two), but I also tried FLDigi
> with
> my IC-7200 which I use for digital/soundcard modes (the 7200 makes it easy
> with a built-in USB/soundcard port - no interface needed), but I could get
> FLDigi to key the rig.
>
> Receive was fine, but it just would not transmit. This was after I had
> already set-up Ham Radio Deluxe/DM-780 to run with the 7200 and those two
> problems worked great.
>
> I never did figure out the issue with FLDigi and the 7200, but since
> HRD/DM-780 was already working so well, I ceased further efforts to
> trouble-shoot the situation and use HRD/DM-780 exclusively.
>
> To make it 706-related, I'm getting ready to build one of Skip Teller's
> soundcard interface kits to use with one of my 706s for soundcard modes,
> but I
> will continue to use HRD/DM-780 as the software.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Wed, 28 Nov 2012 02:05:05 PM EST
> From: Eric Mynes <kc8wzb@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Re: psk31 with ic-706
>
> > Greetings,
> ><SNIP>
> >I've used/played with FLDigi too. I just didn't care for the
> > program. Heck, I can even receive CW with my setup.
> >

> > Before I start getting flamed about my choices, FLDigi is a good piece of
> > software. It just didn't work well for my operating ways. You might love
> > it and hate DM780, but that is one of the joys of this hobby. We can each
> > do what we want to. <SNIP>
> >
> > 73,
> > Eric
> > k8ohz
> >
> > On Wed, Nov 28, 2012 at 1:49 PM, Bookcollector
> <bookcollector@...>wrote:
> >
> > > **
> > >
> > >
> > > I'm using SignaLink USB with my mkIIg and HRD/Digital Master 780. 98%
> of
> > > my digital activity is on JT65 with JT-Alert.
> > > Ernie
> > > W6KAP
> > >
> > >
> > >
> >
> >
> >
> > --
> > A wise man once said nothing.
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
>

[Non-text portions of this message have been removed]

# 20195. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 21:29:19 UTC
From: KHLT
Topic: 20187  Message: 20195

On 28/11/2012 18:27, terry nichols wrote:
> Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators using for interface and computer software?
>
> Terry kc8ctc
>

I made my own interface with some audio transformers and a 5v DIL relay for the PTT (data) and a Opto isolator for Morse (data jack won't take the non-zero ohm input for PTT hence the dual method).. Also made my own CAT interface using a couple of 2n2222 transistors

All the circuits are out there on the web if you need them.

For software it's HRD, JT65-HF and mmsstv (that covers most modes)

Kymmy

# 20196. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 21:44:02 UTC
From: Costas Krallis
Topic: 20187  Message: 20196

On 2012-11-28 23:29, KHLT <mailinglists@...> wrote:

> I made my own interface with some audio transformers and a 5v DIL relay
> for the PTT (data) and a Opto isolator for Morse (data jack won't take
> the non-zero ohm input for PTT hence the dual method)..

Hi Kymmy, I managed to use an opto isolator for
PTT as well. I connected an external transistor
in a darlington circuit with the transistor of
the opto-isolator and it works ok.

73 Costas SV1XV

--
PGP key 0x07F2AAD0 - available on keyservers

# 20197. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 21:46:08 UTC
From: Randy Allen - KA0AZS
Topic: 20187  Message: 20197

SignaLink USB for the interface. Digipan for the software. Have been playing with FLdigi (Ohio ARES recommending it for the modes they are experimenting with for HF digital), receives fine, but as others have stated, can't seem to get it to transmit on my 716MKIIG. I need to get around to downloading an updated version and trying again.

73

Randy

-----Original Message-----

From: terry nichols

Sent: Nov 28, 2012 1:27 PM

To: ic706@yahoogroups.com

Subject: [ic706] psk31 with ic-706

Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators using for interface and computer software?

Terry kc8ctc

Randy Allen, KA0AZS

# 20198. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 21:56:17 UTC
From: KHLT
Topic: 20187  Message: 20198

On 28/11/2012 21:44, Costas Krallis wrote:
> On 2012-11-28 23:29, KHLT <mailinglists@...> wrote:
>
>> I made my own interface with some audio transformers and a 5v DIL relay
>> for the PTT (data) and a Opto isolator for Morse (data jack won't take
>> the non-zero ohm input for PTT hence the dual method)..
> Hi Kymmy, I managed to use an opto isolator for
> PTT as well. I connected an external transistor
> in a darlington circuit with the transistor of
> the opto-isolator and it works ok.
>
> 73 Costas SV1XV
>

I was using the usual eclectic mix of component as found on various disassembled devices, the opto's I found on an old monitor board. I was using the Optos via the Mic port and it worked well but wanted to swap it round to the data port so the volume level out of the speaker wasn't an issue. Hence I just shoved in a 5v DIL relay via a switch where I can switch it between Data_PTT and KEY.

I never understood this buying of devices like a signalink when it's ever so simple to create your own.. Especially when all the theory is already done by anyone taking a level of ham radio exam passed the lower levels (UK foundation course for example)

Kymmy

# 20199. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 22:23:11 UTC
From: LARRY J. FORD
Topic: 20187  Message: 20199

What's even more puzzling is the number of hams who buy a rig like the ICOM IC-7200, which has a built-in USB port and soundcard device in the rig, such that it takes only a single USB cable from the PC to rig to run PSK-31 and other digital modes, who then insist on using or even BUYING a external device like the Signalink to run digital modes!

Why buy the 7200 AT ALL if you're going to do that??!!

Larry J. Ford
KG4GPJ

> <SNIP>
>
> I never understood this buying of devices like a signalink when it's
> ever so simple to create your own.. Especially when all the theory is
> already done by anyone taking a level of ham radio exam passed the lower
> levels (UK foundation course for example)
>
> Kymmy
>

# 20200. Re: [ic706] psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-28 23:36:53 UTC
From: Joe Isabella
Topic: 20187  Message: 20200

Agreed.  I think I built my interface for less than maybe $5 and parts from my junk box...

Joe, N3JI

---
From: KHLT <mailinglists@...>
To: ic706@yahoogroups.com
Sent: Wednesday, November 28, 2012 3:56 PM
Subject: Re: [ic706] psk31 with ic-706

On 28/11/2012 21:44, Costas Krallis wrote:
> On 2012-11-28 23:29, KHLT <mailinglists@...> wrote:
>
>> I made my own interface with some audio transformers and a 5v DIL relay
>> for the PTT (data) and a Opto isolator for Morse (data jack won't take
>> the non-zero ohm input for PTT hence the dual method)..
> Hi Kymmy, I managed to use an opto isolator for
> PTT as well. I connected an external transistor
> in a darlington circuit with the transistor of
> the opto-isolator and it works ok.
>
> 73 Costas SV1XV
>

I was using the usual eclectic mix of component as found on various
disassembled devices, the opto's I found on an old monitor board. I was
using the Optos via the Mic port and it worked well but wanted to swap
it round to the data port so the volume level out of the speaker wasn't
an issue. Hence I just shoved in a 5v DIL relay via a switch where I can
switch it between Data_PTT and KEY.

I never understood this buying of devices like a signalink when it's
ever so simple to create your own.. Especially when all the theory is
already done by anyone taking a level of ham radio exam passed the lower
levels (UK foundation course for example)

Kymmy

[Non-text portions of this message have been removed]

# 20201. Re: [ic706] Re: psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-29 01:37:18 UTC
From: Facility 406 DM09
Topic: 20187  Message: 20201

MKIIG, DigiPan software, radio audio to mic on computer, computer speaker to mic-jack on radio, set to VOX. Ran it since 1997, no problems.

Kurt

# 20202. Re: psk31 with ic-706

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-29 03:24:17 UTC
From: David Bartholomew
Topic: 20187  Message: 20202

Hi Terry,

Using Rigblaster PnP on my IC-706MkIIg. For software I am using Digipan for PSK31, and FLdigi for RTTY. Lots of other programs can use the Rigblaster too. I've used it with both XP and Windows 7 64-bit.

Dave AD7DB
Sent from my iPhone

1a. psk31 with ic-706
Posted by: "terry nichols"tdnichols1970@... tdnichols1970@...
Date: Wed Nov 28, 2012 10:27 am ((PST))

Wanting to try psk 31 with ci-706 MK II or MKII/g what are other operators using for interface and computer software?

Terry kc8ctc

[Non-text portions of this message have been removed]

# 20203. Re: FLDigi Issues (was: psk31 with ic-706)

Yahoo group: ic706 (2010 — 2015)
Date: 2012-11-29 04:57:52 UTC
From: Tom Root
Topic: 20190  Message: 20203

I operate PSK31 with an ICOM 706MKIIG..and with Digipan, a SignaLink USB, an indoor 20M/30M dipole here in my second floor apartment and with 20 watts absolute maximum, I can work almost everything I hear..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20204. MK2G CIV command to change power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-02 03:32:26 UTC
From: cax3nj
Topic: 20204  Message: 20204

Is there a way to send a CIV command to the MK2G to put in low power transmit for tuning with a manual or smart tuner?

73
Stan N1ZX

# 20205. Power button

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-01 21:09:59 UTC
From: gjtkd617
Topic: 20205  Message: 20205

Hi all new to the group my name is Glyn call M1DBF

Please can anyone help or has anyone come across this problem
706 mk1
Had a problem using psk tuner lost power during transmit and radio died
Changed fuse no problem away she went but when I power down volume and everything go off but screen stays on press power again screen blinks then evert thing works just like it has been turned off apart from that radio works flawlessly wierd or am i missing something
Regards Glyn

*MOD EDIT*

# 20206. Re: [ic706] MK2G CIV command to change power output

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-02 16:09:31 UTC
From: LARRY J. FORD
Topic: 20204  Message: 20206

I don't know if it's technically CI-V control or not, but there are circuits and modules out there, either home-brew or commercially-available, which plug into the 4-pin Molex connector tuner port on the back, and which "trick" the 706 into "thinking" there's an ICOM AH-4 or compatible autotuner attached so that when the tune button on the rig is pushed, the rig switches into CW mode and emits a 10 watt signal until it's told a tuning solution has been reached, or the tuning cycle limit is reached. That method basically fools the 706's microprocessor into "sensing" that an AH-4 is attached.

I and another ham just built one of those circuits yesterday into an interface so he could use an SGC-237 autotuner with his 706MKII.

Also, there are a number of programs out there (like Ham Radio Deluxe) which I believe have a "tune function" which may switch the 706 into low power and cause it to transmit a tone for tuning purposes. I use HRD with my 7200, and that function works with the 7200, but I "think" I may have seen in the set-up menus the same provision for the 706. That is probably using a CI-V command, if it does exist for the 706.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 02 Dec 2012 09:28:09 AM EST
From: "cax3nj" <n1zx@...>
To: ic706@yahoogroups.com
Subject: [ic706] MK2G CIV command to change power output

> Is there a way to send a CIV command to the MK2G to put in low power transmit for tuning with a manual or smart tuner?
>
> 73
> Stan N1ZX
>
>

# 20207. IC706 MKII for sale with accessories.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-04 11:27:52 UTC
From: George- K4GM
Topic: 20207  Message: 20207

Icom 706 MKII with microphone in excellent working condition and very good cosmetic shape but does have a few scratches which do not interfere with operation: Reduced from $575 to $525.

OPC-581 extension cable: $35
MB63 and MB65 mounting base and bracket: $60
MB62 mobile mounting bracket: $30

All of the above for $595.

PS-125 P/S: Reduced from $195 to $150.
SP-20 Speaker/audio filter : Reduced from $125 to $100
SP-21 Speaker : $80

Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer pays shipping from zip 22742. Please contact me directly off list. Next week any unsold items are going on eBay.

Pictures available on any item.

73, George K4GM

# 20208. Re: [ic706] IC706 MKII for sale with accessories.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-04 16:15:15 UTC
From: Domain Admin
Topic: 20207  Message: 20208

If and when you are ready to sale the OPC-581, I'll buy it. Thanks, Reo
KE5IKC

On Tue, Dec 4, 2012 at 5:27 AM, George- K4GM <k4gm@...> wrote:

> **
>
>
> Icom 706 MKII with microphone in excellent working condition and very
> good cosmetic shape but does have a few scratches which do not interfere
> with operation: Reduced from $575 to
> $525.
>
> OPC-581 extension cable: $35
> MB63 and MB65 mounting base and bracket: $60
> MB62 mobile mounting bracket: $30
>
> All of the above for $595.
>
> PS-125 P/S: Reduced from $195 to $150.
> SP-20 Speaker/audio filter : Reduced from $125 to $100
> SP-21 Speaker : $80
>
> Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
> pays shipping from zip 22742. Please contact me directly off list. Next
> week any unsold items are going on eBay.
>
> Pictures available on any item.
>
> 73, George K4GM
>
>
>

[Non-text portions of this message have been removed]

# 20209. Ham looking for a mounting bracket.

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-04 19:05:06 UTC
From: Facility 406 DM09
Topic: 20209  Message: 20209

This is from a local Ham who is not on the groups. Please respond to him, not me:

Bob Moss <pilotmoss@...>
Sent: Sunday, December 2, 2012 1:23 PM

I am looking for an Icom MB-63 (Front Mobile Mounting Bracket)

# 20210. problems with CI-V on 706 mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-05 09:43:43 UTC
From: g7aaq
Topic: 20210  Message: 20210

I have been having this problem now for a long time now and I think it might be a problem with the radio. I have it connected to the computer by a 12v powered CI-V interface that connects via the com port-this controls the radio as expected using HRD and FLdigi(In Linux). However the interface causes problems with interference on the radio. I have tried a usb CI-V lead and also a com port lead from G4ZLP. These fail to talk to the radio, but work perfectly with a friends IC7400. I am confident that the software is set up correctly. I have tried every combination of connections and settings that I can think of, including a powered USB hub. Has anyone had experience of this?

# 20211. Radio Shack 20-546 interface

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-07 08:11:18 UTC
From: David Bartholomew
Topic: 20211  Message: 20211

Hello,

Radio Shack has an interface to go from USB to 1/8" jack, which includes a mono adapter.

http://www.radioshack.com/product/index.jsp?productId=4233363%22

Has anyone tried this on the 706 for rig control? Does it work?

Thanks...

Dave AD7DB
Sent from my iPhone

[Non-text portions of this message have been removed]

# 20212. Re: Radio Shack 20-546 interface

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-13 01:20:24 UTC
From: Bob MacDonnell
Topic: 20211  Message: 20212

My guess Dave would be that it would not work.

You can, however, probably get a cheaper one that DOES work off eBay from China.
73 de bob ve0rdm/vk4bdm

--- In ic706@yahoogroups.com, David Bartholomew <dgbartholomew@...> wrote:
>
> Hello,
>
> Radio Shack has an interface to go from USB to 1/8" jack, which includes a mono adapter.
>
> http://www.radioshack.com/product/index.jsp?productId=4233363%22
>
> Has anyone tried this on the 706 for rig control? Does it work?
>
> Thanks...
>
> Dave AD7DB
> Sent from my iPhone
>
> [Non-text portions of this message have been removed]
>

# 20213. Stiff VFO dial when turned on

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-13 18:44:14 UTC
From: John
Topic: 20213  Message: 20213

I have an Icom 706 original (so it is 16 years old or so) and I have noticed recently when I first turn on the radio, the VFO dial is rather stiff (the lever is in the least tension position). After the radio has been on for a while it does seem to loosen up some. Has anyone else noticed this problem? Could the encoder be going bad, or what else could cause this condition?

73 John AF5CC

# 20214. Re: Stiff VFO dial when turned on

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-14 11:15:39 UTC
From: gw0div@btinternet.com
Topic: 20213  Message: 20214

Try just pulling the knob out slightly, it's probably pushed on a little tight and as you turn it, it move out slightly. The Knob is only a push fit and seems to get tighter over time.

Rhys
GW0DIV

--- In ic706@yahoogroups.com, John <af5cc@...> wrote:
>
> I have an Icom 706 original (so it is 16 years old or so) and I have
> noticed recently when I first turn on the radio, the VFO dial is
> rather stiff (the lever is in the least tension position). After the
> radio has been on for a while it does seem to loosen up some. Has
> anyone else noticed this problem? Could the encoder be going bad, or
> what else could cause this condition?
>
> 73 John AF5CC
>

# 20215. Re: Stiff VFO dial when turned on

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-14 16:04:57 UTC
From: Nan/Peter Strauss
Topic: 20213  Message: 20215

Check the right side of the dial knob, to see if there's a locking lever.  If there is, move it to the other end of its swing path.

Peter KO6R

[Non-text portions of this message have been removed]

# 20216. Over Deviation ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-18 20:22:48 UTC
From: Adrian Rees
Topic: 20216  Message: 20216

Hi all

I recently bought a second hand 706 MKII G with DSP.

When using 144MHz FM, I usually receive reports that my transmission is over deviating. At other times I receive reports that my transmitted audio is loud.

Is there a quick & easy way to identify if the signal is over deviating or is too loud?

Cheers

Adrian MW1LCR

# 20217. Re: [ic706] Over Deviation ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-18 21:41:45 UTC
From: Andy Cox
Topic: 20216  Message: 20217

Hi Adrian

Have you got the compression on?
it's a honest mistake I make with my original 706 , after I;ve switched from SSB back to FM

Also what do you have the mic gain set to?

73

Andy

From: Adrian Rees <rees.a@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Tuesday, 18 December 2012, 20:22
Subject: [ic706] Over Deviation ?

Hi all

I recently bought a second hand 706 MKII G with DSP.

When using 144MHz FM, I usually receive reports that my transmission is
over deviating. At other times I receive reports that my transmitted
audio is loud.

Is there a quick & easy way to identify if the signal is over deviating
or is too loud?

Cheers

Adrian MW1LCR

[Non-text portions of this message have been removed]

# 20218. Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-19 17:03:08 UTC
From: cax3nj
Topic: 20218  Message: 20218

Has anyone ever run the commonly available window line or ladder line through a burried PVC pipe approximately 1-1/2", from the point where it leaves the shack to the base of the antenna support?

73
Stan N1ZX

# 20219. Peditio KP25NN

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-19 17:31:59 UTC
From: Jarmo Pesola
Topic: 20219  Message: 20219

Hello Everyone!

IC-706MK2 user with Signalink, laptop, MFJ-971 tuner and 40m Delta loop,

Training PSK31 7.038 kHz...

Peditio group: OH8FCK, OH8GNF, OH8GVQ
http://aijaa.com/529hDW

73, OH8GVQ

[Non-text portions of this message have been removed]

# 20220. Re: [ic706] Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-19 19:53:46 UTC
From: AG0N-3055
Topic: 20218  Message: 20220

On Wed, 19 Dec 2012 17:03:08 -0000, cax3nj wrote:

> Has anyone ever run the commonly available window line or ladder line through a burried PVC pipe approximately 1-1/2", from the point where it leaves the shack to the base of the antenna support?

I don't believe ladder line should be buried, unless you suspend it in the middle of a large "pipe" with nothing else around it - don't know if even that would be permitted. Even though it is insulated by your PVC, it is still too close proximity to other objects (the earth). Ladder line should be as free from other objects as possible. That's why they made standoff insulators, etc.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20221. Re: [ic706] Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-20 14:53:42 UTC
From: Scott McDonald
Topic: 20218  Message: 20221

Stan, yes, worked fine. I put a gentle twist on it like they advise you to do when running balanced line near anything metal which probably wasn't needed and fed an all band doublet with it just fine, I think a good solution where you want low loss on a high swr antenna and you want the line concealed 73 Scott

Make something good happen!

On Dec 19, 2012, at 9:03 AM, "cax3nj" <n1zx@...> wrote:

> Has anyone ever run the commonly available window line or ladder line through a burried PVC pipe approximately 1-1/2", from the point where it leaves the shack to the base of the antenna support?
>
> 73
> Stan N1ZX
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20222. Re: Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-20 10:40:11 UTC
From: vk4zpp1@bigpond.com
Topic: 20218  Message: 20222

The recommended installation for 300 ohm line when run down a metal mast was to use stand offs and twist the line about each 6”. But then you could buy 72 ohm cable which most amateurs weren’t too fussy about installation techniques.

I have used TV ribbon (unslotted) at 70cms and the important thing is to maintain balanced spacing to any reactive surface. Try twisting the ladder line inside the PVC pipe and even run fishing line or similar to hold it centralised in the pipe. Good low loss cable for up to 100-200W and up to at least 500MHz.

Geoff, VK4ZPP

[Non-text portions of this message have been removed]

# 20223. Re: [ic706] Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-19 23:20:49 UTC
From: David Pennington
Topic: 20218  Message: 20223

I BELIEVE YOU WILL FIND ABOUT 3" CLEARANCE REQUIRED SO AS NOT TO CHANGE 300 OR 450 OHM LINE..IF YOU COULD SUSPEND THE LINE IN THE MIDDLE OF A 3"PIPE MIGHT WORK OK..TRY USING 2 COAX LINES ,CENTER OF EACH AS FEED AND SHEILDS BONDED TOGETHER AT LEASE THROUGH THE EARTH TO THE TOWER ?

---

On Wed, Dec 19, 2012 9:03 AM PST cax3nj wrote:

>Has anyone ever run the commonly available window line or ladder line through a burried PVC pipe approximately 1-1/2", from the point where it leaves the shack to the base of the antenna support?
>
>73
>Stan N1ZX
>

# 20224. Re: Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-19 23:01:20 UTC
From: cax3nj
Topic: 20218  Message: 20224

Hi Gary,
Your comments are well taken.
I am attempting to feed a 40mtr dipole setup as an inverted V for multi band NVIS operation.
I am aware of the minimum 6in clearance that is customarily recommended when using open wire transmission line.
However empirically, with "all things being equal" and since the transmission line is not supposed to radiate it would seem that with 90% of the line laying on the ground and close up to other objects do not seem to present a noticable degradation to the system.
Other than coax, burying the line in PVC would probably solve a restricted community antenna problem.

73
Stan N1ZX

--- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
>
> On Wed, 19 Dec 2012 17:03:08 -0000, cax3nj wrote:
>
> > Has anyone ever run the commonly available window line or ladder line through a burried PVC pipe approximately 1-1/2", from the point where it leaves the shack to the base of the antenna support?
>
> I don't believe ladder line should be buried, unless you suspend it in
> the middle of a large "pipe" with nothing else around it - don't know if
> even that would be permitted. Even though it is insulated by your PVC,
> it is still too close proximity to other objects (the earth). Ladder
> line should be as free from other objects as possible. That's why they
> made standoff insulators, etc.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

# 20225. Re: [ic706] Re: Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-20 20:41:13 UTC
From: AG0N-3055
Topic: 20218  Message: 20225

On Wed, 19 Dec 2012 23:01:20 -0000, cax3nj wrote:

> Other than coax, burying the line in PVC would probably solve a restricted community antenna problem.

See next followup...
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20226. Re: [ic706] Ladder line ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-20 20:43:39 UTC
From: AG0N-3055
Topic: 20218  Message: 20226

On Wed, 19 Dec 2012 15:20:49 -0800 (PST), David Pennington wrote:

> I BELIEVE YOU WILL FIND ABOUT 3" CLEARANCE REQUIRED SO AS NOT TO CHANGE
> 300 OR 450 OHM LINE..IF YOU COULD SUSPEND THE LINE IN THE MIDDLE OF A 3"
> PIPE MIGHT WORK OK..TRY USING 2 COAX LINES ,CENTER OF EACH AS FEED AND
> SHEILDS BONDED TOGETHER AT LEASE THROUGH THE EARTH TO THE TOWER ?

I had forgotten all about this method, but you're right. Have a look in
the Handbook, or maybe the Antenna Handbook to see how to do this. It
allows balanced feed while still letting you get near other objects.

Thanks for jogging the old beans in the bottom of the pot. :o)

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20227. Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-21 07:06:10 UTC
From: nanandpeter
Topic: 20227  Message: 20227

Peculiar problem:
I live about 1 mile, line of sight, from a repeater site. I am using a duoband J-pole antenna. We run a weekly net on the repeater on 2 meters, and we link that machine to the 440 repeater operating from the same rack.
When I check into the net on 2 mtrs with my IC-706MkIIG, I'm told on several occasions that my audio is dropping for very short times, frequently, like, 3 times during a 10-coount, enough to garble what I'm saying.
This does not happen at all on simplex, or on the 440 side, or on the 2 meter side when the machines are not linked. And it's only on the 2 meter side when they are linked, not on 440.
And it doesn't matter what my power level is, 5 or 50W.
It does not happen with other radios (FT-817, Wouxun KG-UV3D).
What I'm wondering, among other things, is whether a strong 440 signal coming into the radio while I'm transmitting on 2 could somehow be causing this intermittency.
I know I can use one of the other radios when the two machines are linked -- so I do have a work-around. What I want to know is what the heck is going on!
I will greatly appreciate any input on this -- it's driving me a bit nuts! Thanks in advance.

Peter KO6R

# 20228. Re: [ic706] Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-21 08:44:47 UTC
From: Mike Rodgers
Topic: 20227  Message: 20228

Try reducing mic gain, it may have too much deviation somehow.
If its not a mk2"g" insure compression is off.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Dec 21, 2012, at 1:06 AM, "nanandpeter" <nanandpeter@...> wrote:

> Peculiar problem:
> I live about 1 mile, line of sight, from a repeater site. I am using a duoband J-pole antenna. We run a weekly net on the repeater on 2 meters, and we link that machine to the 440 repeater operating from the same rack.
> When I check into the net on 2 mtrs with my IC-706MkIIG, I'm told on several occasions that my audio is dropping for very short times, frequently, like, 3 times during a 10-coount, enough to garble what I'm saying.
> This does not happen at all on simplex, or on the 440 side, or on the 2 meter side when the machines are not linked. And it's only on the 2 meter side when they are linked, not on 440.
> And it doesn't matter what my power level is, 5 or 50W.
> It does not happen with other radios (FT-817, Wouxun KG-UV3D).
> What I'm wondering, among other things, is whether a strong 440 signal coming into the radio while I'm transmitting on 2 could somehow be causing this intermittency.
> I know I can use one of the other radios when the two machines are linked -- so I do have a work-around. What I want to know is what the heck is going on!
> I will greatly appreciate any input on this -- it's driving me a bit nuts! Thanks in advance.
>
> Peter KO6R
>
>

[Non-text portions of this message have been removed]

# 20229. Re: [ic706] Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-21 13:03:52 UTC
From: Ken Winterling
Topic: 20227  Message: 20229

Peter,

Use your other radios to monitor your transmissions on the 2M INPUT frequency as well as the 440 INPUT frequency when the repeaters are linked. That will let you know if your 2M audio is cutting out as well as the possible appearance of a strong signal on the 440 input.

It is possible that there is a strong, unmodulated signal keying up on 2M, unintentional or otherwise, that is much stronger than yours (capture effect). That would make it appear as if your audio was dropping out. Again, monitoring your transmitted 2M signal would confirm the operation of your rig.

I don't know how the linking is arranged but if the 440 input is given priority over the 2M input then a strong, unmodulated signal keying up on 440, unintentional or otherwise, would make it appear as if your audio was dropping out.

Do these repeaters use CTCSS? There may be an issue with the '706 tone level/frequency when linked that is not a problem when not linked.

Ken
WA2LBI

On Fri, Dec 21, 2012 at 3:44 AM, Mike Rodgers
<mikerodgerske5gbc@...>wrote:

> **
>
>
> Try reducing mic gain, it may have too much deviation somehow.
> If its not a mk2"g" insure compression is off.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
>
> On Dec 21, 2012, at 1:06 AM, "nanandpeter" <nanandpeter@...> wrote:
>
> > Peculiar problem:
> > I live about 1 mile, line of sight, from a repeater site. I am using a
> duoband J-pole antenna. We run a weekly net on the repeater on 2 meters,

> and we link that machine to the 440 repeater operating from the same rack.
> > When I check into the net on 2 mtrs with my IC-706MkIIG, I'm told on
> several occasions that my audio is dropping for very short times,
> frequently, like, 3 times during a 10-coount, enough to garble what I'm
> saying.
> > This does not happen at all on simplex, or on the 440 side, or on the 2
> meter side when the machines are not linked. And it's only on the 2 meter
> side when they are linked, not on 440.
> > And it doesn't matter what my power level is, 5 or 50W.
> > It does not happen with other radios (FT-817, Wouxun KG-UV3D).
> > What I'm wondering, among other things, is whether a strong 440 signal
> coming into the radio while I'm transmitting on 2 could somehow be causing
> this intermittency.
> > I know I can use one of the other radios when the two machines are
> linked -- so I do have a work-around. What I want to know is what the heck
> is going on!
> > I will greatly appreciate any input on this -- it's driving me a bit
> nuts! Thanks in advance.
> >
> > Peter KO6R
> >
> >
>

[Non-text portions of this message have been removed]

# 20230. Re: [ic706] Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-21 15:24:12 UTC
From: AG0N-3055
Topic: 20227  Message: 20230

On Fri, 21 Dec 2012 07:06:10 -0000, nanandpeter wrote:

> I will greatly appreciate any input on this -- it's driving me a bit nuts! Thanks in advance.

Someone came pretty close to what I was going to suggest. There's an off chance that the 440 rptr input has priority and will mute the VHF input on the repeater. If that was the case, AND if there was a spur coming out of the 706 that the UHF input was able to hear, it would mute you. Also, even if your 706 isn't putting out a spur, it may not be on the UHF input frequency, but could be on an image frequency. That's one reason it is hell to live near repeaters, etc. One other thing, the third harmonic of the VHF input frequency could also mix with an outside signal and show up on the UHF input. There are MANY ways this could go, and they usually aren't easy to find.

Since your other rigs don't have the problem, it might be that the third harmonic of the 706 is not filtered as well as the others.

Put the rig on a dummy load. You should still make it into the repeater in VHF and the UHF input shouldn't see enough signal from you to have a problem. See if that cleans it up.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20231. Re: Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-22 14:48:48 UTC
From: Nan/Peter Strauss
Topic: 20227  Message: 20231

Amazing thing.
Last night I tried it again, lowering the mic gain as well as the output power -- same dropouts.
Then, another fellow from our group got on the frequency, and suggested that maybe something was
happening with the CTCSS/PL tone.  Also asked me if I had activated the RX squelch on my radio.
I went and looked, and it wasn't.  I've never used that function -- never had a need.
But just for the heck of it, I cycled it on and off (M4), to be sure, and while I was up, decided to change the
frequency of the RX squelch tone (Q7).
Got back on.
No dropouts.
Go figure.

Thanks for the thoughts/ideas.  I have no idea what happened, but whatever I didn't do, it worked hi.

Peter KO6R

[Non-text portions of this message have been removed]

# 20232. Re: [ic706] Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-22 15:04:43 UTC
From: deepak bhatti
Topic: 20227  Message: 20232

i use my 706mk2g to talk through a distant VHF repeater( on a hilltop 100km away). stock mic, x300 antenna)
often i get audio dropout reports and especially one operator reminds me to speak softly into the mic. he tells me direct copy is no problem, but the repeater does not like me raising my voice at all! (kind of like someone else i know very well..hi hi!)

is it a similar problem you are facing.
never had this problem from my IC229H.
the repeater in question is a yaesu vxr-7000V if that has any correlation.

73s
VU2DJI, deepak

On Fri, Dec 21, 2012 at 12:36 PM, nanandpeter <nanandpeter@...> wrote:

> **
>
>
> Peculiar problem:
> I live about 1 mile, line of sight, from a repeater site. I am using a
> duoband J-pole antenna. We run a weekly net on the repeater on 2 meters,
> and we link that machine to the 440 repeater operating from the same rack.
> When I check into the net on 2 mtrs with my IC-706MkIIG, I'm told on
> several occasions that my audio is dropping for very short times,
> frequently, like, 3 times during a 10-coount, enough to garble what I'm
> saying.
> This does not happen at all on simplex, or on the 440 side, or on the 2
> meter side when the machines are not linked. And it's only on the 2 meter
> side when they are linked, not on 440.
> And it doesn't matter what my power level is, 5 or 50W.
> It does not happen with other radios (FT-817, Wouxun KG-UV3D).
> What I'm wondering, among other things, is whether a strong 440 signal
> coming into the radio while I'm transmitting on 2 could somehow be causing
> this intermittency.
> I know I can use one of the other radios when the two machines are linked
> -- so I do have a work-around. What I want to know is what the heck is
> going on!
> I will greatly appreciate any input on this -- it's driving me a bit nuts!
> Thanks in advance.
>
> Peter KO6R
>
>
>

[Non-text portions of this message have been removed]

# 20233. Tuning Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-22 20:07:59 UTC
From: cax3nj
Topic: 6189  Message: 20233

When the brake is in the up-most position, does the tuning knob fly=wheel or turn freely enough to have a follow-through?
With the brake off the knob is not binding but somewhat stiff.

73
Stan N1ZX

# 20234. Re: Tuning Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-24 04:20:42 UTC
From: n4eyz
Topic: 6189  Message: 20234

On my 706G the follow thru is slight but very smooth. No feel of dragging at all. Perhaps the lever mechanism is not fully releasing. I've never been under the knob on mine so not certain of the design.

--- In ic706@yahoogroups.com, "cax3nj" <n1zx@...> wrote:
>
> When the brake is in the up-most position, does the tuning knob fly=wheel or turn freely enough to have a follow-through?
> With the brake off the knob is not binding but somewhat stiff.
>
> 73
> Stan N1ZX
>

# 20235. Re: [ic706] Tuning Knob

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-24 05:55:02 UTC
From: Joe Isabella
Topic: 6189  Message: 20235

Try pulling firmly straight out from the front of the radio.  Sometimes the knob can get pushed in slightly on the shaft and bind on the face.  Mine has done that several times.  BTW, it's just on there by friction, so it can be pulled off completely without hurting anything (by design).  It's how the face comes apart.

Joe,
N3JI

---
From: cax3nj <n1zx@...>
To: ic706@yahoogroups.com
Sent: Saturday, December 22, 2012 2:07 PM
Subject: [ic706] Tuning Knob

When the brake is in the up-most position, does the tuning knob fly=wheel or turn freely enough to have a follow-through?
With the brake off the knob is not binding but somewhat stiff.

73
Stan N1ZX

[Non-text portions of this message have been removed]

# 20236. Re: [ic706] Over Deviation ?

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-24 12:55:07 UTC
From: david webb
Topic: 20216  Message: 20236

Hi, just a quick thought turn the filter on, you will get a N in the top left of your display this will set the dev to a lower limit for use when narrow channel spacing is required, and all should be ok.
David G6JOR.

---
From: Adrian Rees <rees.a@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Tuesday, 18 December 2012, 20:22
Subject: [ic706] Over Deviation ?

Hi all

I recently bought a second hand 706 MKII G with DSP.

When using 144MHz FM, I usually receive reports that my transmission is over deviating. At other times I receive reports that my transmitted audio is loud.

Is there a quick & easy way to identify if the signal is over deviating or is too loud?

Cheers

Adrian MW1LCR

[Non-text portions of this message have been removed]

# 20237. RE: EXTERNAL: Re: [ic706] Audio dropouts

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-26 14:27:37 UTC
From: Lefczik, Larry D
Topic: 20227  Message: 20237

That sounds like you are tripping the repeater masking for the touch tones.

If the repeater accepts touch tones for autopatch or control features, it may be programmed to not pass the tones for security reasons. If your voice happens to emit a tone pair used by the touch tone circuits, the repeater may mute the audio thinking it is a touch tone.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of deepak bhatti
Sent: Saturday, December 22, 2012 10:05 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] Audio dropouts

i use my 706mk2g to talk through a distant VHF repeater( on a hilltop 100km
away). stock mic, x300 antenna)
often i get audio dropout reports and especially one operator reminds me to
speak softly into the mic. he tells me direct copy is no problem, but the
repeater does not like me raising my voice at all! (kind of like someone
else i know very well..hi hi!)

is it a similar problem you are facing.
never had this problem from my IC229H.
the repeater in question is a yaesu vxr-7000V if that has any correlation.

73s
VU2DJI, deepak

On Fri, Dec 21, 2012 at 12:36 PM, nanandpeter <nanandpeter@...> wrote:

> **
>
>
> Peculiar problem:
> I live about 1 mile, line of sight, from a repeater site. I am using a
> duoband J-pole antenna. We run a weekly net on the repeater on 2 meters,
> and we link that machine to the 440 repeater operating from the same rack.
> When I check into the net on 2 mtrs with my IC-706MkIIG, I'm told on
> several occasions that my audio is dropping for very short times,
> frequently, like, 3 times during a 10-coount, enough to garble what I'm
> saying.
> This does not happen at all on simplex, or on the 440 side, or on the 2
> meter side when the machines are not linked. And it's only on the 2 meter
> side when they are linked, not on 440.
> And it doesn't matter what my power level is, 5 or 50W.
> It does not happen with other radios (FT-817, Wouxun KG-UV3D).
> What I'm wondering, among other things, is whether a strong 440 signal
> coming into the radio while I'm transmitting on 2 could somehow be causing
> this intermittency.

> I know I can use one of the other radios when the two machines are linked
> -- so I do have a work-around. What I want to know is what the heck is
> going on!
> I will greatly appreciate any input on this -- it's driving me a bit nuts!
> Thanks in advance.
>
> Peter KO6R
>
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20238. IC-706MKIIG Faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2012-12-24 23:52:19 UTC
From: Robert
Topic: 20238  Message: 20238

I need a faceplate for the 706MKIIG

Mine damaged in fall

Thank You

ROD

# 20239. Re: IC-706MKIIG Faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-01 16:10:20 UTC
From: voip10
Topic: 20238  Message: 20239

You don't say where you're based.

Icom UK will supply spares, such as faceplates.

--- In ic706@yahoogroups.com, "Robert" <rodavis_43@...> wrote:
>
> I need a faceplate for the 706MKIIG
>
> Mine damaged in fall
>
>
> Thank You
>
> ROD
>

# 20240. Icom 706 MK II for sale with accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-04 15:33:08 UTC
From: George- K4GM
Topic: 20240  Message: 20240

Icom 706 MKII with microphone in excellent working condition and very good cosmetic shape but does have a few case scratches which do not interfere with operation: Reduced to $495.

OPC-581 extension cable: $35
MB63 and MB65 mounting base and bracket: $60
MB62 mobile mounting bracket: $30

All of the above for $550.

PS-125 P/S: Reduced from $195 to $125.
SP-20 Speaker/audio filter : Reduced from $125 to $90

Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer pays shipping from zip 22742. Please contact me directly off list. Next week any unsold items are going on eBay.

Pictures available on any item.

73, George K4GM

# 20241. Wanted Parts IC-706 or a Main PC Board for an IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-04 19:57:51 UTC
From: aa3yw
Topic: 20241  Message: 20241

Hi,

Anyone have a broken IC-706 or parting one out? I need the Main PCB to fix a friends IC-706 original Mk1. I can be reached at www.aa3yw@...t or 724-353-1127.

73's

Dave

# 20242. Re: Icom 706 MK II for sale with accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-05 11:54:05 UTC
From: Philip
Topic: 20240  Message: 20242

George

do you have any photos of the 706 you can email me?

--- In ic706@yahoogroups.com, George- K4GM wrote:
>
> Icom 706 MKII with microphone in excellent working condition and very
> good cosmetic shape but does have a few case scratches which do not
> interfere with operation: Reduced to $495.
>
> OPC-581 extension cable: $35
> MB63 and MB65 mounting base and bracket: $60
> MB62 mobile mounting bracket: $30
>
> All of the above for $550.
>
> PS-125 P/S: Reduced from $195 to $125.
> SP-20 Speaker/audio filter : Reduced from $125 to $90
>
> Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
> pays shipping from zip 22742. Please contact me directly off list. Next
> week any unsold items are going on eBay.
>
> Pictures available on any item.
>
> 73, George K4GM
>

# 20243. Re: [ic706] Re: Icom 706 MK II for sale with accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-05 20:51:53 UTC
From: George- K4GM
Topic: 20240  Message: 20243

I am sending the pictures from a different computer in about 5 min.
Please confirm receipt.

73, George K4GM

> Philip <mailto:philiplevine@...>
> Saturday, January 05, 2013 6:54 AM
>
> George
>
> do you have any photos of the 706 you can email me?
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, George-
> K4GM wrote:
> >
> > Icom 706 MKII with microphone in excellent working condition and very
> > good cosmetic shape but does have a few case scratches which do not
> > interfere with operation: Reduced to $495.
> >
> > OPC-581 extension cable: $35
> > MB63 and MB65 mounting base and bracket: $60
> > MB62 mobile mounting bracket: $30
> >
> > All of the above for $550.
> >
> > PS-125 P/S: Reduced from $195 to $125.
> > SP-20 Speaker/audio filter : Reduced from $125 to $90
> >
> > Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
> > pays shipping from zip 22742. Please contact me directly off list. Next
> > week any unsold items are going on eBay.
> >
> > Pictures available on any item.
> >
> > 73, George K4GM
> >
>
>
> George- K4GM <mailto:k4gm@...>
> Friday, January 04, 2013 10:33 AM
> Icom 706 MKII with microphone in excellent working condition and very
> good cosmetic shape but does have a few case scratches which do not
> interfere with operation: Reduced to $495.
>
> OPC-581 extension cable: $35

> MB63 and MB65 mounting base and bracket: $60
> MB62 mobile mounting bracket: $30
>
> All of the above for $550.
>
> PS-125 P/S: Reduced from $195 to $125.
> SP-20 Speaker/audio filter : Reduced from $125 to $90
>
> Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
> pays shipping from zip 22742. Please contact me directly off list. Next
> week any unsold items are going on eBay.
>
> Pictures available on any item.
>
> 73, George K4GM

[Non-text portions of this message have been removed]

# 20244. Re: [ic706] Re: Icom 706 MK II for sale with accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-05 21:39:57 UTC
From: terry nichols
Topic: 20240  Message: 20244

Sold

---

On Sat, Jan 5, 2013 6:54 AM EST Philip wrote:

>George
>
>do you have any photos of the 706 you can email me?
>
>--- In ic706@yahoogroups.com, George- K4GM wrote:
>>
>> Icom 706 MKII with microphone in excellent working condition and very
>> good cosmetic shape but does have a few case scratches which do not
>> interfere with operation: Reduced to $495.
>>
>> OPC-581 extension cable: $35
>> MB63 and MB65 mounting base and bracket: $60
>> MB62 mobile mounting bracket: $30
>>
>> All of the above for $550.
>>
>> PS-125 P/S: Reduced from $195 to $125.
>> SP-20 Speaker/audio filter : Reduced from $125 to $90
>>
>> Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
>> pays shipping from zip 22742. Please contact me directly off list. Next
>> week any unsold items are going on eBay.
>>
>> Pictures available on any item.
>>
>> 73, George K4GM
>>
>
>

# 20245. broken 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-06 08:14:20 UTC
From: Dihan Angelo De Silva
Topic: 20245  Message: 20245

Hi,

Anyone have a broken IC-706 or parting one out? I need the PLL PCB to fix my IC-706 original Mk1. I can be reached at dihanangelo@yahoo.com

73's

Dihan Angelo De Silva

facebook.com/dihanangelo

[Non-text portions of this message have been removed]

# 20246. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-06 20:28:35 UTC
From: Jim Derra
Topic: 20246  Message: 20246

http://siir.sirinsohbet.net/gjuk.php?ngmq=ngmq

[Non-text portions of this message have been removed]

# 20247. Re: [ic706] Re: Icom 706 MK II for sale with accessories

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-07 17:21:57 UTC
From: K4GM-George
Topic: 20240  Message: 20247

Which items do you wish to purchase?

On 1/5/2013 4:39 PM, terry nichols wrote:
>
>
>
> Sold
>
> ------------------------------
> On Sat, Jan 5, 2013 6:54 AM EST Philip wrote:
>
> >George
> >
> >do you have any photos of the 706 you can email me?
> >
> >--- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> George- K4GM wrote:
> >>
> >> Icom 706 MKII with microphone in excellent working condition and very
> >> good cosmetic shape but does have a few case scratches which do not
> >> interfere with operation: Reduced to $495.
> >>
> >> OPC-581 extension cable: $35
> >> MB63 and MB65 mounting base and bracket: $60
> >> MB62 mobile mounting bracket: $30
> >>
> >> All of the above for $550.
> >>
> >> PS-125 P/S: Reduced from $195 to $125.
> >> SP-20 Speaker/audio filter : Reduced from $125 to $90
> >>
> >> Buyer of 706 MK II gets first option on cables/mounting brackets. Buyer
> >> pays shipping from zip 22742. Please contact me directly off list. Next
> >> week any unsold items are going on eBay.
> >>
> >> Pictures available on any item.
> >>
> >> 73, George K4GM
> >>
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20248. Re: Keying the HF and VHF sides of the IC-706 MK2 at the same time

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-07 19:49:33 UTC
From: Terry
Topic: 15786  Message: 20248

Hi All,

I was more than a little surprised by the ICOM Representatives comments.

I have had a look at the Circuit Diagram of the IC-706mkII and see no reason why these lines cannot simply be strapped together.
The reason for there being a separate V-Send and H-Send line in the accessory connector is to allow EXTERNAL devices such as HF and VHF Linear Amplifiers to be switched by the single PTT line in the Radio.

I will upload an image from the manual that shows this functionality.
These two lines would normally be labeled 'VHF_STDBY' and 'HF_STDBY' on another radio.

It is apparent from the diagram that the choice of which Linear is switched is controlled by the state of the Relay RL16.
This is controlled by the state of line 'L8' on Connector J9, via Q10.

IF the IC-706mkII is ONLY being used in its Native form with NO External Leads going to other peripheral devices other than the Data-Modes Interface then I see no, (Radio Side), reason to not just connect the two lines together.

If the Signal-Link is being used it seems from the manual that pins 3 & 4 on the DIP Header need to be shorted.

Each Data-Modes Interface would have to be investigated to see if any poor design prevents this being safe as far as the interface is concerned.
I have seen one interface where the manufacturer has neglected to provide enough conductors in the lead going to the 13pin plug.
Since only HF-Send has a wire in this case the lead or plug would have to be replaced.

I hope this has clarified matters.
I will upload the file 'PTT Lines.bmp' to the Files area.

73,
Terry Tipper, G1MZT

PS. I will NOT be held accountable for others inability to read a diagram, pin positions on a connector or any mistakes you may make!
This advice is correct to the best of my knowledge and is intended to help technically competent Radio Amateurs.

--- In ic706@yahoogroups.com, "Larry" wrote:
>
> Thanks Jeff.
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com

> Sent: Friday, April 04, 2008 2:40 PM
> Subject: Re: [ic706] Keying the HF and VHF sides of the IC-706 MK2 at the same time
>
>
> Since none of the experts here chimed in with viable advice, I had to go to the source (Icom).
> "No, you should not connect both Send lines together. The radio actually has two separate sections and that's why there are two Send lines, so if they were both connected together, it would trigger both sections to transmit at the same time, and you can damage the radio. Instead, use an A-B switch to select either HF Send or VHF Send. Diodes will not work since both Send lines would be energized at the same time.
> Best Regards; Mike Hilton, Technical Support Representative
> ICOM America, Inc."
>
> So you guys might want to file this for future reference.
>
> Thx and 73,
> Jeff Moore -- KE7ACY
>
> ----- Original Message -----
> From: Jeff Moore
>
> Hi there,
>
> I figure there is a load of expertise on the 706 models and I have a
> minor problem.
>
> I just purchased a Tigertronics SignaLink USB device with soundcard
> built-in.
>
> It works great for the digital soundcard modes so far. But with one
> little hitch.
>
> I can only key up the radio on HF OR VHF through the DIN13 connector
> on the back of the radio (IC-706 MK2 (no G))with the SL-USB. To go
> from one to the other, requires changing a jumper in the SL-USB to
> route the PTT line to either the HSEND ot VSEND pin in the interface
> cable to the radio's DIN13 conector.
>
> Tigertronics is suggesting that using a couple of diodes with the
> cathodes tied to the PTT line in the unit and the anodes connected to
> the 2 xSEND pins going to the radio might be the way to go. I
> wondered about just tying the 2 lines together directly to the PTT in
> the SL-USB unit.
>
> My question is: Is this doable (either method), and will this damage
> the radio???
>
> I also had the thought of wiring in a small switch to change from one
> to the other, but I don't want to modify the SL-USB if it can be

> avoided.
>
> What say ye experts????
>
> THX, and 73
> Jeff Moore -- KE7ACY
> Bend, Oregon
> .
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
> ---
>
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.5/1358 - Release Date: 4/3/2008 6:36 PM
>
>
> [Non-text portions of this message have been removed]
>

# 20249. RE: [ic706] Re: Keying the HF and VHF sides of the IC-706 MK2 at the same time

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-07 23:59:52 UTC
From: bruce.clements@sympatico.ca
Topic: 15786  Message: 20249

Terry

Take a look at the TX section of the driver stages.. The HF and VHF share the same device and are routed thru a relay to either HF or VHF network. I would say if its for external stuff make sure you maybe opto couple the two lines..

bruce
ve3bv

To: ic706@yahoogroups.com
From: seldon2k_who_used_my_id@...
Date: Mon, 7 Jan 2013 19:49:33 +0000
Subject: [ic706] Re: Keying the HF and VHF sides of the IC-706 MK2 at the same time

Hi All,

I was more than a little surprised by the ICOM Representatives comments.

I have had a look at the Circuit Diagram of the IC-706mkII and see no reason why these lines cannot simply be strapped together.
The reason for there being a separate V-Send and H-Send line in the accessory connector is to allow EXTERNAL devices such as HF and VHF Linear Amplifiers to be switched by the single PTT line in the Radio.

I will upload an image from the manual that shows this functionality.
These two lines would normally be labeled 'VHF_STDBY' and 'HF_STDBY' on another radio.

It is apparent from the diagram that the choice of which Linear is switched is controlled by the state of the Relay RL16.
This is controlled by the state of line 'L8' on Connector J9, via Q10.

IF the IC-706mkII is ONLY being used in its Native form with NO External Leads going to other peripheral devices other than the Data-Modes Interface then I see no, (Radio Side), reason to not just connect the two lines together.

If the Signal-Link is being used it seems from the manual that pins 3 & 4 on the DIP Header need to be shorted.

Each Data-Modes Interface would have to be investigated to see if any poor design prevents this being safe as far as the interface is concerned.
I have seen one interface where the manufacturer has neglected to provide enough conductors in the lead going to the 13pin plug.
Since only HF-Send has a wire in this case the lead or plug would have to be replaced.

I hope this has clarified matters.
I will upload the file 'PTT Lines.bmp' to the Files area.

73,
Terry Tipper, G1MZT

PS. I will NOT be held accountable for others inability to read a diagram, pin positions on a connector or any mistakes you may make!
This advice is correct to the best of my knowledge and is intended to help technically competent Radio Amateurs.

--- In ic706@yahoogroups.com, "Larry" wrote:
>
> Thanks Jeff.
>
> ----- Original Message -----
> From: Jeff Moore
> To: ic706@yahoogroups.com
> Sent: Friday, April 04, 2008 2:40 PM
> Subject: Re: [ic706] Keying the HF and VHF sides of the IC-706 MK2 at the same time
>
>
> Since none of the experts here chimed in with viable advice, I had to go to the source (Icom).
> "No, you should not connect both Send lines together. The radio actually has two separate sections and that's why there are two Send lines, so if they were both connected together, it would trigger both sections to transmit at the same time, and you can damage the radio. Instead, use an A-B switch to select either HF Send or VHF Send. Diodes will not work since both Send lines would be energized at the same time.
> Best Regards; Mike Hilton, Technical Support Representative
> ICOM America, Inc."
>
> So you guys might want to file this for future reference.
>
> Thx and 73,
> Jeff Moore -- KE7ACY
>
> ----- Original Message -----
> From: Jeff Moore
>
> Hi there,
>
> I figure there is a load of expertise on the 706 models and I have a
> minor problem.
>
> I just purchased a Tigertronics SignaLink USB device with soundcard
> built-in.
>
> It works great for the digital soundcard modes so far. But with one
> little hitch.
>
> I can only key up the radio on HF OR VHF through the DIN13 connector
> on the back of the radio (IC-706 MK2 (no G))with the SL-USB. To go
> from one to the other, requires changing a jumper in the SL-USB to
> route the PTT line to either the HSEND ot VSEND pin in the interface

> cable to the radio's DIN13 conector.
>
> Tigertronics is suggesting that using a couple of diodes with the
> cathodes tied to the PTT line in the unit and the anodes connected to
> the 2 xSEND pins going to the radio might be the way to go. I
> wondered about just tying the 2 lines together directly to the PTT in
> the SL-USB unit.
>
> My question is: Is this doable (either method), and will this damage
> the radio???
>
> I also had the thought of wiring in a small switch to change from one
> to the other, but I don't want to modify the SL-USB if it can be
> avoided.
>
> What say ye experts????
>
> THX, and 73
> Jeff Moore -- KE7ACY
> Bend, Oregon
> .
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
>
>
> ------------------------------------------------------------
>
>
> No virus found in this incoming message.
> Checked by AVG.
> Version: 7.5.519 / Virus Database: 269.22.5/1358 - Release Date: 4/3/2008 6:36 PM
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20250. Re: (unknown) messages

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-08 13:22:14 UTC
From: David Bartholomew
Topic: 20250  Message: 20250

When you see such messages with either "no subject" or "unknown", and the message body contains only a link somewhere, do not click on the link. If you do, soon many similar messages will be sent out from YOUR email address.

Such garbage has been showing up regularly on every unmoderated Yahoo group. Whoever is doing this is getting smarter, one of them had a subject of "Welcome" and sometimes they say things like "Wow, you have got to see this!" to get you to look at it.

Please be vigilant and use common sense.

# 20251. Re: problems with CI-V on 706 mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-09 21:38:17 UTC
From: mike6deepeejay
Topic: 20210  Message: 20251

Hi i have the same problem tried 2 leads 3 controllers to no avail ;(

--- In ic706@yahoogroups.com, "g7aaq" wrote:
>
> I have been having this problem now for a long time now and I think it might be a problem with the radio. I have it connected to the computer by a 12v powered CI-V interface that connects via the com port-this controls the radio as expected using HRD and FLdigi(In Linux). However the interface causes problems with interference on the radio. I have tried a usb CI-V lead and also a com port lead from G4ZLP. These fail to talk to the radio, but work perfectly with a friends IC7400. I am confident that the software is set up correctly. I have tried every combination of connections and settings that I can think of, including a powered USB hub. Has anyone had experience of this?
>

# 20252. Re: [ic706] Re: problems with CI-V on 706 mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-10 00:19:41 UTC
From: LARRY J. FORD
Topic: 20210  Message: 20252

What is the "interference" that is being experienced? ("However the interface causes problems with interference on the radio.")

Is it RFI getting into the rig via the CI-V control cable?

Have you tried ferrite chokes or toroid cores on the control cable?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 09 Jan 2013 07:04:42 PM EST
From: "mike6deepeejay" <pauljones20@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: problems with CI-V on 706 mk1

> Hi i have the same problem tried 2 leads 3 controllers to no avail ;(
>
> --- In ic706@yahoogroups.com, "g7aaq" wrote:
> >
> > I have been having this problem now for a long time now and I think it might be a problem with the radio. I have it connected to the computer by a 12v powered CI-V interface that connects via the com port-this controls the radio as expected using HRD and FLdigi(In Linux). However the interface causes problems with interference on the radio. I have tried a usb CI-V lead and also a com port lead from G4ZLP. These fail to talk to the radio, but work perfectly with a friends IC7400. I am confident that the software is set up correctly. I have tried every combination of connections and settings that I can think of, including a powered USB hub. Has anyone had experience of this?
> >
>
>
>

# 20254. Re: [ic706] CI-V on 706 mk1

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-11 17:54:28 UTC
From: Ralph Mowery
Topic: 20253  Message: 20254

When the computer says com port can not be used, that is an indication the softwear is not set up correctly.  Did you take your 706 to the other station to see if it worked there ?

The 706 does have two settings to make it work with most softeware.  One is the baud rate and the other is the radio idenification number.  Forgot what Icom calls that on the display.
Those settings are for the speed of the data on the port and the id number tells which of several radios are connected to the CI-V line as several radios can be hooked up at the same time.

--- On Fri, 1/11/13, mike6deepeejay <pauljones20@...> wrote:

From: mike6deepeejay <pauljones20@...>
Subject: [ic706] CI-V on 706 mk1
To: ic706@yahoogroups.com
Date: Friday, January 11, 2013, 9:00 AM

Hi first off sorry if i have allready posted this i dont seem to be able to see any post i have made never mind heres my predicament i have a 706 mk1 and have tried numerous cables all to no avail drivers load hrd and or ic706bk load but says port com blah blah cant be used i took the lead to a friend of mine tried it on his 737 and it works ? its not a com issue or software is there something in the 706 that goes down all settings in the radio are as is when bought new default even tried changing a few see if that helps NOTHIN at a lose here where to get rid of the radio i dont need  cat control but would be nice to use if needed ;).
thks paul m6dpj

[Non-text portions of this message have been removed]

# 20255. MkII digital manual download?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-13 15:20:47 UTC
From: Lurch
Topic: 20255  Message: 20255

Does anyone know where I can download a digital copy of the manual for my IC706MkII?

Thanks in advance.

# 20256. Re: [ic706] MkII digital manual download?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-13 21:39:45 UTC
From: Dave Santoro - W6BTS
Topic: 20255  Message: 20256

Hi,

Here ya go, the user manual and the service manual in PDF format.

Cheers,

Dave - W6BTS

_____
----- Original Message -----
From: Lurch
To: ic706@yahoogroups.com
Sent: Sunday, January 13, 2013 7:20 AM
Subject: [ic706] MkII digital manual download?

Does anyone know where I can download a digital copy of the manual for my IC706MkII?

Thanks in advance.

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20257. New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-13 21:49:16 UTC
From: ic706@yahoogroups.com
Topic: 568  Message: 20257

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /Manuals and circuits/ICOM IC-706MKII Manuals/ICOM IC-706 MkII Service Manual.pdf
Uploaded by : santec01 <w6bts@...>
Description : ICOM IC-706MKII Service Manual

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/Manuals%20and%20circuits/ICOM%20IC-706MKII%20Manuals/ICOM%20IC-706%20MkII%20Service%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

santec01 <w6bts@...>

# 20258. Re: [ic706] New file uploaded to ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-13 21:59:57 UTC
From: Lurch
Topic: 568  Message: 20258

Thanks very much!

Lester
KF5LCA

_____
From: "ic706@yahoogroups.com"
To: ic706@yahoogroups.com
Sent: Sunday, January 13, 2013 3:49 PM
Subject: [ic706] New file uploaded to ic706

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the ic706
group.

File : /Manuals and circuits/ICOM IC-706MKII Manuals/ICOM IC-706 MkII Service Manual.pdf
Uploaded by : santec01 w6bts@...>
Description : ICOM IC-706MKII Service Manual

You can access this file at the URL:
http://groups.yahoo.com/group/ic706/files/Manuals%20and%20circuits/ICOM%20IC-706MKII%20Manuals/ICOM%20IC-706%20MkII%20Service%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

santec01 w6bts@...>

[Non-text portions of this message have been removed]

# 20261. Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 06:24:38 UTC
From: Peter
Topic: 20261  Message: 20261

I am 1 mile, line of sight, from a local 2/440 repeater.
Normally, I have no problem at all accessing the machine, either on 2 or 440, with my IC-706MKIIG. CTCSS works perfectly.

Recently (last 2-3 months), when I power up the radio just before our weekly emerg. prep. net, and the 2 and 440 repeaters are linked together, when I try to hit either machine, I get signal dropouts.
It's worsened when another repeater is linked in via IRLP.

Worst of all, it doesn't happen with either of my other two duo/triband radios (Wouxun HT, Yaesu FT-817).

However, tonight I tried an experiment, and let the radio sit, powered up, for an hour before trying. I had one of our tech committee guys link the 2 and 440 machines, and had no dropouts after the warmup of an hour.

Question: what in the world could be going on such that cold, I can't hold the machine when the 2 and 440 are linked, but warm, I can? What could be the difference that heat makes, but doesn't show up when the two repeaters are not linked?

Thanks for any help/insight,
Peter KO6R

# 20262. Re: [ic706] Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 07:20:20 UTC
From: Ron Bean
Topic: 20261  Message: 20262

Are you sure your power supply is supplying a full 13.8v to the rig? Is it possible that your power supply and not the rig itself might be the source of the problem?

Ron - KJ5XX

On Sat, Jan 19, 2013 at 12:24 AM, Peter <nanandpeter@...> wrote:

> **
>
>
> I am 1 mile, line of sight, from a local 2/440 repeater.
> Normally, I have no problem at all accessing the machine, either on 2 or
> 440, with my IC-706MKIIG. CTCSS works perfectly.
>
> Recently (last 2-3 months), when I power up the radio just before our
> weekly emerg. prep. net, and the 2 and 440 repeaters are linked together,
> when I try to hit either machine, I get signal dropouts.
> It's worsened when another repeater is linked in via IRLP.
>
> Worst of all, it doesn't happen with either of my other two duo/triband
> radios (Wouxun HT, Yaesu FT-817).
>
> However, tonight I tried an experiment, and let the radio sit, powered up,
> for an hour before trying. I had one of our tech committee guys link the 2
> and 440 machines, and had no dropouts after the warmup of an hour.
>
> Question: what in the world could be going on such that cold, I can't hold
> the machine when the 2 and 440 are linked, but warm, I can? What could be
> the difference that heat makes, but doesn't show up when the two repeaters
> are not linked?
>
> Thanks for any help/insight,
> Peter KO6R
>
>
>

[Non-text portions of this message have been removed]

# 20263. RE: [ic706] Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 09:34:48 UTC
From: Bob Reiff
Topic: 20261  Message: 20263

Take the rig out to your car and try to use it with a mag mount antenna. Also I assume you've checked the power output when cold in the house? The car will supply a new power source, new coax, and a new antenna. From there it is process of elimination.

Bob, WA8ULW

From: Ron Bean [mailto:kj5xx@...]
Sent: January 19, 2013 02:20
To: ic706@yahoogroups.com
Subject: Re: [ic706] Complicated problem

Are you sure your power supply is supplying a full 13.8v to the rig? Is it possible that your power supply and not the rig itself might be the source of the problem?

Ron - KJ5XX

On Sat, Jan 19, 2013 at 12:24 AM, Peter nanandpeter@...m <mailto:nanandpeter%40yahoo.com>
> wrote:

> **
>
>
> I am 1 mile, line of sight, from a local 2/440 repeater.
> Normally, I have no problem at all accessing the machine, either on 2 or
> 440, with my IC-706MKIIG. CTCSS works perfectly.
>
> Recently (last 2-3 months), when I power up the radio just before our
> weekly emerg. prep. net, and the 2 and 440 repeaters are linked together,
> when I try to hit either machine, I get signal dropouts.
> It's worsened when another repeater is linked in via IRLP.
>
> Worst of all, it doesn't happen with either of my other two duo/triband
> radios (Wouxun HT, Yaesu FT-817).
>
> However, tonight I tried an experiment, and let the radio sit, powered up,
> for an hour before trying. I had one of our tech committee guys link the 2
> and 440 machines, and had no dropouts after the warmup of an hour.
>
> Question: what in the world could be going on such that cold, I can't hold
> the machine when the 2 and 440 are linked, but warm, I can? What could be
> the difference that heat makes, but doesn't show up when the two repeaters
> are not linked?
>
> Thanks for any help/insight,
> Peter KO6R

>
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20264. Icom 706: Powering on issues

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 13:48:17 UTC
From: KeithH
Topic: 20264  Message: 20264

I recently purchased an Icom 706 old version and it worked fine in both my mobile and home station but now is intermittent on whether it will trn on fully. Sometimes it just makes a clicking noise and doesn't turn on and sometimes it makes that same clicking noise and does turn on. Before this started happening the radio worked great. Part of me thinks it is an issue in the power connector or something in the power input circuitry that has gone bad or is loose. I am also running it off a secondary battery in my car and it seems to happen more there than in my house (though it happens in the house but less frequently). I am wondering if the battery in the truck is not supplying enough voltage though I have had many other mobiles that seem to have no issue with the battery.

Any recommendation or advice in this matter will be much appreciated.

Keith
AK6ZZ

# 20265. Re: [ic706] Icom 706: Powering on issues

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 14:35:17 UTC
From: Wayne Bowyer
Topic: 20264  Message: 20265

The power connector seems to be a weak link in the 706 series. The pins are of the male/female variety. You might try using a very small pick or jeweler's screwdriver and try to tighten or bend the connector so it is a tighter fit. Too low of a supply voltage could be a problem as well. The rig requires 13.8 vdc to operate properly.

On Sat, Jan 19, 2013 at 8:48 AM, KeithH <ag6az@...> wrote:

> **
>
>
> I recently purchased an Icom 706 old version and it worked fine in both my
> mobile and home station but now is intermittent on whether it will trn on
> fully. Sometimes it just makes a clicking noise and doesn't turn on and
> sometimes it makes that same clicking noise and does turn on. Before this
> started happening the radio worked great. Part of me thinks it is an issue
> in the power connector or something in the power input circuitry that has
> gone bad or is loose. I am also running it off a secondary battery in my
> car and it seems to happen more there than in my house (though it happens
> in the house but less frequently). I am wondering if the battery in the
> truck is not supplying enough voltage though I have had many other mobiles
> that seem to have no issue with the battery.
>
> Any recommendation or advice in this matter will be much appreciated.
>
> Keith
> AK6ZZ
>
>
>

[Non-text portions of this message have been removed]

# 20266. Re: [ic706] Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 16:19:32 UTC
From: Ernest L. Kapphahn
Topic: 20261  Message: 20266

You might check the SO-239 connector for the VHF-UHF antenna. They have
been known to develop center pin fractures at the connection to the
board. When the radio is cold, it might not be making contact to the
outside world and after warming up, it does. Wiggling the connector
might point out if this is the issue.
Ernie
W6KAP

On 1/18/2013 11:20 PM, Ron Bean wrote:
>
> Are you sure your power supply is supplying a full 13.8v to the rig? Is it
> possible that your power supply and not the rig itself might be the source
> of the problem?
>
> Ron - KJ5XX
>
> On Sat, Jan 19, 2013 at 12:24 AM, Peter nanandpeter@...
> <mailto:nanandpeter%40yahoo.com>> wrote:
>
> > **
> > >
> > >
> > I am 1 mile, line of sight, from a local 2/440 repeater.
> > Normally, I have no problem at all accessing the machine, either on 2 or
> > 440, with my IC-706MKIIG. CTCSS works perfectly.
> > >
> > Recently (last 2-3 months), when I power up the radio just before our
> > weekly emerg. prep. net, and the 2 and 440 repeaters are linked
> together,
> > when I try to hit either machine, I get signal dropouts.
> > It's worsened when another repeater is linked in via IRLP.
> > >
> > Worst of all, it doesn't happen with either of my other two duo/triband
> > radios (Wouxun HT, Yaesu FT-817).
> > >
> > However, tonight I tried an experiment, and let the radio sit,
> powered up,
> > for an hour before trying. I had one of our tech committee guys link
> the 2
> > and 440 machines, and had no dropouts after the warmup of an hour.
> > >
> > Question: what in the world could be going on such that cold, I
> can't hold
> > the machine when the 2 and 440 are linked, but warm, I can? What
> could be

> > the difference that heat makes, but doesn't show up when the two
> repeaters
> > are not linked?
> >
> > Thanks for any help/insight,
> > Peter KO6R
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20267. Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 18:00:57 UTC
From: Mark
Topic: 20261  Message: 20267

I had a bad fuse in the power cord that caused me no shortage of headaches before I figured it out.

Not saying that is your issue, but I'd start by checking voltage on the back of the plug at the radio, and checking the power output and also SWR of your antenna also at the radio. I suspect one of those 3 can point you is which direction to search for your actual issue.

# 20268. Re: [ic706] Icom 706: Powering on issues

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 14:47:41 UTC
From: Ham Radio
Topic: 20264  Message: 20268

I have a long 10' power lead from my spare deep cycle battery in my truck. It is brand new but the leads are 6 gauge ultra flex so I thought that would work ok. It seems to work with all other rigs I have had in the truck.

The power connector in the back seems in fairly rough shape so it could also be that. I will check into both. I had it running off a two foot lead to a dedicated 13.8 VDC 30 amp supply and it was a bit intermittent on that too but not nearly to the extent of in the truck.

Keith

-----Original Message-----
From: Wayne Bowyer
Sent: Saturday, January 19, 2013 6:35 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Icom 706: Powering on issues

The power connector seems to be a weak link in the 706 series. The pins are of the male/female variety. You might try using a very small pick or jeweler's screwdriver and try to tighten or bend the connector so it is a tighter fit. Too low of a supply voltage could be a problem as well. The rig requires 13.8 vdc to operate properly.

On Sat, Jan 19, 2013 at 8:48 AM, KeithH <ag6az@...> wrote:

> **
>
>
> I recently purchased an Icom 706 old version and it worked fine in both my
> mobile and home station but now is intermittent on whether it will trn on
> fully. Sometimes it just makes a clicking noise and doesn't turn on and
> sometimes it makes that same clicking noise and does turn on. Before this
> started happening the radio worked great. Part of me thinks it is an issue
> in the power connector or something in the power input circuitry that has
> gone bad or is loose. I am also running it off a secondary battery in my
> car and it seems to happen more there than in my house (though it happens
> in the house but less frequently). I am wondering if the battery in the
> truck is not supplying enough voltage though I have had many other mobiles
> that seem to have no issue with the battery.
>
> Any recommendation or advice in this matter will be much appreciated.
>
> Keith
> AK6ZZ
>
>

>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20269. Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 16:06:11 UTC
From: Stan Broadway
Topic: 20261  Message: 20269

I've had some odd behavioral problems with the 706 and the Michigan repair people (great guys!) tested the rig itself to be fine. Turns out there are problems with the fuse holders in the power line. I bypassed them, and everything got back to normal. Apparently it isn't limited to the 706, it can happen to a number of radios with the same in-line fuse holders after time.

[Non-text portions of this message have been removed]

# 20270. Re: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-19 21:25:03 UTC
From: Gene Young N9MXQ
Topic: 20261  Message: 20270

Mine has started doing this trick: http://www.qsl.net/n9mxq/706.html
Radio was mobile at the time, truck (Semi) running.. Also does it in the
car, and on 2 separate 20a PSUs.. Is yours anything like this?

On 1/19/2013 10:06 AM, Stan Broadway wrote:
>
> I've had some odd behavioral problems with the 706 and the Michigan repair
> people (great guys!) tested the rig itself to be fine. Turns out there are
> problems with the fuse holders in the power line. I bypassed them, and
> everything got back to normal. Apparently it isn't limited to the 706, it
> can happen to a number of radios with the same in-line fuse holders after
> time.
>
> [Non-text portions of this message have been removed]
>
>

--
--
Gene Young N9MXQ

# 20271. Re: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-20 15:51:29 UTC
From: Mike Rodgers
Topic: 20261  Message: 20271

Gene, that link didn't work for me.
Maybe I didnt wait long enough.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 19, 2013, at 3:25 PM, Gene Young N9MXQ <n9mxq@...> wrote:

> Mine has started doing this trick: http://www.qsl.net/n9mxq/706.html
> Radio was mobile at the time, truck (Semi) running.. Also does it in the
> car, and on 2 separate 20a PSUs.. Is yours anything like this?
>
> On 1/19/2013 10:06 AM, Stan Broadway wrote:
>>
>> I've had some odd behavioral problems with the 706 and the Michigan repair
>> people (great guys!) tested the rig itself to be fine. Turns out there are
>> problems with the fuse holders in the power line. I bypassed them, and
>> everything got back to normal. Apparently it isn't limited to the 706, it
>> can happen to a number of radios with the same in-line fuse holders after
>> time.
>>
>> [Non-text portions of this message have been removed]
>>
>>
>
> --
> --
> Gene Young N9MXQ
>
>
>
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

>

# 20272. Re: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-20 20:38:44 UTC
From: Gene Young N9MXQ
Topic: 20261  Message: 20272

It's a video of my MKIIG having a psychotic episode.. Did you try it without the .html?
http://www.qsl.net/n9mxq/706 (It's an embedded video from Facebook)
The radio has since decided to not turn on again.. So, if I ever get caught up on bills I'll have to send it in for repair.

On 1/20/2013 9:51 AM, Mike Rodgers wrote:
>
> Gene, that link didn't work for me.
> Maybe I didnt wait long enough.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Jan 19, 2013, at 3:25 PM, Gene Young N9MXQ n9mxq@...
> <mailto:n9mxq%40aim.com>> wrote:
>
> > Mine has started doing this trick: http://www.qsl.net/n9mxq/706.html
> > Radio was mobile at the time, truck (Semi) running.. Also does it in
> the
> > car, and on 2 separate 20a PSUs.. Is yours anything like this?
> > Gene Young N9MXQ
>

# 20273. Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-21 17:25:28 UTC
From: nb7o
Topic: 20261  Message: 20273

Are you running the 706 with the control head remoted? If so check out the screw that holds the remote cable to the head. that screw provides the grounding for the head to radio grnd. If it is loose you will see behavior like this. Also check the connection of the cable at the xcvr end.

If the head is directly connected to the xcvr try cleaning the contacts between the remote head and the xcvr. If the contacts are not making a good connection you will see this type behavior.

73 de kevin/NB7O
--- In ic706@yahoogroups.com, Gene Young N9MXQ wrote:
>
> It's a video of my MKIIG having a psychotic episode.. Did you try it
> without the .html?
> http://www.qsl.net/n9mxq/706 (It's an embedded video from Facebook)
> The radio has since decided to not turn on again.. So, if I ever get
> caught up on bills I'll have to send it in for repair.
>
> On 1/20/2013 9:51 AM, Mike Rodgers wrote:
> >
> > Gene, that link didn't work for me.
> > Maybe I didnt wait long enough.
> >
> > 73
> > Mike R
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On Jan 19, 2013, at 3:25 PM, Gene Young N9MXQ n9mxq@...
> > > wrote:
> >
> > > Mine has started doing this trick: http://www.qsl.net/n9mxq/706.html
> > > Radio was mobile at the time, truck (Semi) running.. Also does it in
> > the
> > > car, and on 2 separate 20a PSUs.. Is yours anything like this?
> > > Gene Young N9MXQ
> >
>

# 20274. Scan channel skip

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-21 17:43:18 UTC
From: Craig Pitcher
Topic: 20274  Message: 20274

I have a number of repeater frequencies programmed into my IC-706 Mk II G, however there is one local repeater that I would like to be skipped while scanning.

Despite programming as the manual says where each channel is marked to be scanned (and the little "S" appear on the screen), I cannot get it to skip this channel. (not showing an "s")

On my old 706 the skip function worked fine, although, as I recall you did it the opposite. (I tried that also).

Anyone know what could be the problem.

Thanks,

Craig

[Non-text portions of this message have been removed]

# 20275. Re: [ic706] Scan channel skip

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-21 18:36:05 UTC
From: AB1DD
Topic: 20274  Message: 20275

Craig,

Try pushing the scan button (F1) then the sel button (F2). These are in the S2 menu.

73,

Carl

AB1DD

Resistance is futile.

(don't know about reactance, though)

--- On Mon, 1/21/13, Craig Pitcher <cpitcher@verizon.net> wrote:

Despite programming as the manual says where each channel is marked to be

scanned (and the little "S" appear on the screen), I cannot get it to skip

this channel. (not showing an "s")

# 20276. Re: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-21 19:36:13 UTC
From: Gene Young N9MXQ
Topic: 20261  Message: 20276

I will take a look at that (it was not remote at the time), as well as
the power line problems mentioned by an earlier poster.. Thanks Guys..

On 1/21/2013 11:25 AM, nb7o wrote:
>
> Are you running the 706 with the control head remoted? If so check out
> the screw that holds the remote cable to the head. that screw provides
> the grounding for the head to radio grnd. If it is loose you will see
> behavior like this. Also check the connection of the cable at the xcvr
> end.
>
> If the head is directly connected to the xcvr try cleaning the
> contacts between the remote head and the xcvr. If the contacts are not
> making a good connection you will see this type behavior.
>
> 73 de kevin/NB7O
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Gene
> Young N9MXQ wrote:
> >
> > It's a video of my MKIIG having a psychotic episode.. Did you try it
> > without the .html?
> > http://www.qsl.net/n9mxq/706 (It's an embedded video from Facebook)
> > The radio has since decided to not turn on again.. So, if I ever get
> > caught up on bills I'll have to send it in for repair.
> >
> > On 1/20/2013 9:51 AM, Mike Rodgers wrote:
> > >
> > > Gene, that link didn't work for me.
> > > Maybe I didnt wait long enough.
> > >
> > > 73
> > > Mike R
> > >
> > > Play me some fiddle, but no stinkin' violin!
> > >
> > > Amateur/Ham Radio KE5GBC
> > > HF & Echolink mobile
> > >
> > > On Jan 19, 2013, at 3:25 PM, Gene Young N9MXQ n9mxq@...
> > > > wrote:
> > >
> > > > Mine has started doing this trick: http://www.qsl.net/n9mxq/706.html
> > > > Radio was mobile at the time, truck (Semi) running.. Also does
> it in
> > > the

> > > > car, and on 2 separate 20a PSUs.. Is yours anything like this?
> > > > Gene Young N9MXQ
> > >
> >
>
>

--
--
Gene Young N9MXQ

# 20277. Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-22 23:45:59 UTC
From: Peter
Topic: 20261  Message: 20277

Thanks to all who replied to my plea for help/insight.
I have changed the cable from the bottom connector to the antenna switch, and will see if that, for some peculiar reason, makes a difference. If not, then I'll check inside the radio for the connection to the board.
The truly baffling part is that I have no problem if the machines are not linked; I need to find out if a higher level of PL is needed when triggering two machines through one.
Doesn't make sense, but none of this does, anyhow.
The only difference is up on the hill, not here in my shack. My radio doesn't know the difference between linked and unlinked.

Bewildering.

Peter KO6R

--- In ic706@yahoogroups.com, "Ernest L. Kapphahn" wrote:
>
> You might check the SO-239 connector for the VHF-UHF antenna. They have
> been known to develop center pin fractures at the connection to the
> board. When the radio is cold, it might not be making contact to the
> outside world and after warming up, it does. Wiggling the connector
> might point out if this is the issue.
> Ernie
> W6KAP
>
> On 1/18/2013 11:20 PM, Ron Bean wrote:
> >
> > Are you sure your power supply is supplying a full 13.8v to the rig? Is it
> > possible that your power supply and not the rig itself might be the source
> > of the problem?
> >
> > Ron - KJ5XX
> >
> > On Sat, Jan 19, 2013 at 12:24 AM, Peter nanandpeter@...
> > > wrote:
> >
> > > **
> > >
> > >
> > > I am 1 mile, line of sight, from a local 2/440 repeater.
> > > Normally, I have no problem at all accessing the machine, either on 2 or
> > > 440, with my IC-706MKIIG. CTCSS works perfectly.
> > >
> > > Recently (last 2-3 months), when I power up the radio just before our
> > > weekly emerg. prep. net, and the 2 and 440 repeaters are linked
> > together,
> > > when I try to hit either machine, I get signal dropouts.

> > > It's worsened when another repeater is linked in via IRLP.
> > >
> > > Worst of all, it doesn't happen with either of my other two duo/triband
> > > radios (Wouxun HT, Yaesu FT-817).
> > >
> > > However, tonight I tried an experiment, and let the radio sit,
> > powered up,
> > > for an hour before trying. I had one of our tech committee guys link
> > the 2
> > > and 440 machines, and had no dropouts after the warmup of an hour.
> > >
> > > Question: what in the world could be going on such that cold, I
> > can't hold
> > > the machine when the 2 and 440 are linked, but warm, I can? What
> > could be
> > > the difference that heat makes, but doesn't show up when the two
> > repeaters
> > > are not linked?
> > >
> > > Thanks for any help/insight,
> > > Peter KO6R
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 20278. Re: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 01:32:29 UTC
From: AG0N-3055
Topic: 20261  Message: 20278

On Tue, 22 Jan 2013 23:45:59 -0000, Peter wrote:

> The truly baffling part is that I have no problem if the machines are not
> linked; I need to find out if a higher level of PL is needed when triggering
> two machines through one. Doesn't make sense, but none of this does, anyhow.

You should never rely on a system passing a tone (they are not supposed to). It should be filtered out in the receiver anyway, and then re-encoded on the second transmitter. Standard procedure.

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 20279. Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 00:00:56 UTC
From: KeithH
Topic: 20279  Message: 20279

Just want to verify a couple things with connecting my icom 706 to my THP HL450B. I bought the 13 pin connector and based on the manual for the amp need to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any other way to key the amp or do I need to use the 13 pin connector, just curious.

Thanks,

Keith
AK6ZZ

# 20280. Re: Icom 706: Powering on issues

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-22 23:54:38 UTC
From: KeithH
Topic: 20264  Message: 20280

For those who maybe interested I brought my icom 706 to a local technician who has worked on Icom radios for decades and he identified the following issues:

Problems were intermittent xmit control logic,relay driver and circuit trace integrity.

He also recommended that I purchase a new power cord with new connector which I promptly purchased off of eBay for $20. I did have another spell of intermittent operation when the power cord was leaning against a surface pushing it in a slightly awkward direction. I disconnected the cord and snapped it back in and the rig energized and has had no issue turning on and off and on since. I am hoping that the new power cable and connector will finally make this a rig that I can rely on.

Keith
AK6ZZ

--- In ic706@yahoogroups.com, "Ham Radio " wrote:
>
> I have a long 10' power lead from my spare deep cycle battery in my truck.
> It is brand new but the leads are 6 gauge ultra flex so I thought that would
> work ok. It seems to work with all other rigs I have had in the truck.
>
> The power connector in the back seems in fairly rough shape so it could also
> be that. I will check into both. I had it running off a two foot lead to a
> dedicated 13.8 VDC 30 amp supply and it was a bit intermittent on that too
> but not nearly to the extent of in the truck.
>
> Keith
>
> -----Original Message-----
> From: Wayne Bowyer
> Sent: Saturday, January 19, 2013 6:35 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Icom 706: Powering on issues
>
> The power connector seems to be a weak link in the 706 series. The pins are
> of the male/female variety. You might try using a very small pick or
> jeweler's screwdriver and try to tighten or bend the connector so it is a
> tighter fit. Too low of a supply voltage could be a problem as well. The
> rig requires 13.8 vdc to operate properly.
>
> On Sat, Jan 19, 2013 at 8:48 AM, KeithH wrote:
>
> > **
> > >
> > >
> > I recently purchased an Icom 706 old version and it worked fine in both my

> > mobile and home station but now is intermittent on whether it will trn on
> > fully. Sometimes it just makes a clicking noise and doesn't turn on and
> > sometimes it makes that same clicking noise and does turn on. Before this
> > started happening the radio worked great. Part of me thinks it is an issue
> > in the power connector or something in the power input circuitry that has
> > gone bad or is loose. I am also running it off a secondary battery in my
> > car and it seems to happen more there than in my house (though it happens
> > in the house but less frequently). I am wondering if the battery in the
> > truck is not supplying enough voltage though I have had many other mobiles
> > that seem to have no issue with the battery.
> >
> > Any recommendation or advice in this matter will be much appreciated.
> >
> > Keith
> > AK6ZZ
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

# 20281. RE: [ic706] Scan channel skip

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-22 15:56:12 UTC
From: John Locke
Topic: 20274  Message: 20281

If it is channel one you cannot skip it.

John Locke

N5PPR

I have a number of repeater frequencies programmed into my IC-706 Mk II G, however there is one local repeater that I would like to be skipped while scanning.

Despite programming as the manual says where each channel is marked to be scanned (and the little "S" appear on the screen), I cannot get it to skip this channel. (not showing an "s")

On my old 706 the skip function worked fine, although, as I recall you did it the opposite. (I tried that also).

Anyone know what could be the problem.

Thanks,

Craig

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20282. Re: [ic706] Scan channel skip

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 13:19:05 UTC
From: Mike Rodgers
Topic: 20274  Message: 20282

I'm a litlle rusty but I think you want priority scan to do that.

Still having trouble?
I'll try to help.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 21, 2013, at 11:43 AM, "Craig Pitcher" <cpitcher@...> wrote:

> I have a number of repeater frequencies programmed into my IC-706 Mk II G,
> however there is one local repeater that I would like to be skipped while
> scanning.
>
> Despite programming as the manual says where each channel is marked to be
> scanned (and the little "S" appear on the screen), I cannot get it to skip
> this channel. (not showing an "s")
>
> On my old 706 the skip function worked fine, although, as I recall you did
> it the opposite. (I tried that also).
>
> Anyone know what could be the problem.
>
> Thanks,
>
> Craig
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20283. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 13:24:06 UTC
From: Mike Rodgers
Topic: 20279  Message: 20283

Will that amp take a 100w drive ?
As you say, just curious.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 22, 2013, at 6:00 PM, "KeithH" <ag6az@...> wrote:

> Just want to verify a couple things with connecting my icom 706 to my THP HL450B. I bought the 13 pin connector and based on the manual for the amp need to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any other way to key the amp or do I need to use the 13 pin connector, just curious.
>
> Thanks,
>
> Keith
> AK6ZZ
>
>

[Non-text portions of this message have been removed]

# 20284. RE: EXTERNAL: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 13:43:48 UTC
From: Lefczik, Larry D
Topic: 20261  Message: 20284

Since it seems to be a temperature related issue, I would also check the PL frequency as well as amplitude.

If you are able to work with the repeater tech, ask to disable the PL requirement for testing while the repeaters are linked. This may narrow down the issue.

73 de NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Peter
Sent: Tuesday, January 22, 2013 6:46 PM
To: ic706@...m
Subject: EXTERNAL: [ic706] Re: Complicated problem

Thanks to all who replied to my plea for help/insight.
I have changed the cable from the bottom connector to the antenna switch, and will see if that, for some peculiar reason, makes a difference. If not, then I'll check inside the radio for the connection to the board.
The truly baffling part is that I have no problem if the machines are not linked; I need to find out if a higher level of PL is needed when triggering two machines through one.
Doesn't make sense, but none of this does, anyhow.
The only difference is up on the hill, not here in my shack. My radio doesn't know the difference between linked and unlinked.

Bewildering.

Peter KO6R

--- In ic706@yahoogroups.com, "Ernest L. Kapphahn" wrote:
>
> You might check the SO-239 connector for the VHF-UHF antenna. They have
> been known to develop center pin fractures at the connection to the
> board. When the radio is cold, it might not be making contact to the
> outside world and after warming up, it does. Wiggling the connector
> might point out if this is the issue.
> Ernie
> W6KAP
>
> On 1/18/2013 11:20 PM, Ron Bean wrote:
> >
> > Are you sure your power supply is supplying a full 13.8v to the rig? Is it
> > possible that your power supply and not the rig itself might be the source
> > of the problem?
> >
> > Ron - KJ5XX
> >
> > On Sat, Jan 19, 2013 at 12:24 AM, Peter nanandpeter@...

> > > wrote:
> >
> > > **
> > >
> > >
> > > I am 1 mile, line of sight, from a local 2/440 repeater.
> > > Normally, I have no problem at all accessing the machine, either on 2 or
> > > 440, with my IC-706MKIIG. CTCSS works perfectly.
> > >
> > > Recently (last 2-3 months), when I power up the radio just before our
> > > weekly emerg. prep. net, and the 2 and 440 repeaters are linked
> > together,
> > > when I try to hit either machine, I get signal dropouts.
> > > It's worsened when another repeater is linked in via IRLP.
> > >
> > > Worst of all, it doesn't happen with either of my other two duo/triband
> > > radios (Wouxun HT, Yaesu FT-817).
> > >
> > > However, tonight I tried an experiment, and let the radio sit,
> > powered up,
> > > for an hour before trying. I had one of our tech committee guys link
> > the 2
> > > and 440 machines, and had no dropouts after the warmup of an hour.
> > >
> > > Question: what in the world could be going on such that cold, I
> > can't hold
> > > the machine when the 2 and 440 are linked, but warm, I can? What
> > could be
> > > the difference that heat makes, but doesn't show up when the two
> > repeaters
> > > are not linked?
> > >
> > > Thanks for any help/insight,
> > > Peter KO6R
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
>
>
>
> [Non-text portions of this message have been removed]
>

---

Yahoo! Groups Links

# 20285. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 14:14:32 UTC
From: Keith Heimbold
Topic: 20279  Message: 20285

No maximum input is 50W. I got it working I think last night. At least the amp keyed and no protection came on until I went to power setting of 6. Just wanted to test the limits a little.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Jan 23, 2013, at 5:24 AM, "Mike Rodgers" <mikerodgerske5gbc@...> wrote:

> Will that amp take a 100w drive ?
> As you say, just curious.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
>
> > Just want to verify a couple things with connecting my icom 706 to my THP HL450B. I bought the 13 pin connector and based on the manual for the amp need to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any other way to key the amp or do I need to use the 13 pin connector, just curious.
> >
> > Thanks,
> >
> > Keith
> > AK6ZZ
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20286. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 14:54:03 UTC
From: LARRY J. FORD
Topic: 20279  Message: 20286

I bought the Ameritron ARB-704 amp buffer/keyer to use with my 706s and amps. The ARB-704 plugs into the 13-pin DIN ACCESSORY PORT on the 706, and then has lines running to the amp which terminate in the typical RCA plug for both the key line and the ALC line.

It is my understanding that the 706 can only key an amp by use of the lines in the 13-pin ACCESSORY PORT.

Better check the voltage/current specs of the key line on the amp to make sure it doesn't exceed what the 706 lines can handle.

The ARB-704 "buffers" and protects the rig from voltage/current "excursions" on the key line.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 23 Jan 2013 07:10:06 AM EST
From: "KeithH" <ag6az@...>
To: ic706@yahoogroups.com
Subject: [ic706] Icom 706 to thp Solid state Amplifier connection

> Just want to verify a couple things with connecting my icom 706 to my THP HL450B. I bought the 13 pin connector and based on the manual for the amp need to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any other way to key the amp or do I need to use the 13 pin connector, just curious.
>
> Thanks,
>
> Keith
> AK6ZZ
>
>

# 20287. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:00:14 UTC
From: LARRY J. FORD
Topic: 20279  Message: 20287

Plus the "leading edge" power output spike??!!

See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf

http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 23 Jan 2013 08:24:58 AM EST
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection

> Will that amp take a 100w drive ?
> As you say, just curious.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Jan 22, 2013, at 6:00 PM, "KeithH" <ag6az@...> wrote:
>
> > Just want to verify a couple things with connecting my icom 706 to my THP HL450B. I bought the 13 pin connector and based on the manual for the amp need to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any other way to key the amp or do I need to use the 13 pin connector, just curious.
> > >
> > > Thanks,
> > >
> > > Keith
> > > AK6ZZ
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >

# 20288. Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:31:56 UTC
From: Peter
Topic: 20261  Message: 20288

I misspoke. I don't trigger both machines -- I trigger one, and t'other comes up via the linking on the hill.

Since I have a workaround (either have the radio warm up for an hour, or use a different radio altogether -- the FT-817) I'm just going to let it all go. Much too much of a pain in the neck to chase down, and for one net per week, really not worth it.

Thanks again to all who shared their thoughts with me --
Peter KO6R

--- In ic706@yahoogroups.com, AG0N-3055 wrote:
>
> On Tue, 22 Jan 2013 23:45:59 -0000, Peter wrote:
>
> > The truly baffling part is that I have no problem if the machines are not
> > linked; I need to find out if a higher level of PL is needed when triggering
> > two machines through one. Doesn't make sense, but none of this does, anyhow.
>
> You should never rely on a system passing a tone (they are not supposed to). It
> should be filtered out in the receiver anyway, and then re-encoded on the second
> transmitter. Standard procedure.
>
> Gary
> --
> Web: http://ag0n.net
> NodeOp Page: http://ag0n.net/irlp
> Node 3055: http://ag0n.net/irlp/3055
>

# 20289. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:05:48 UTC
From: Keith Heimbold
Topic: 20279  Message: 20289

That is not good. I had my K3 hooked up to it and I didn't seem to have any issues. I have an unused arb704 in the shack that I can put in line with it

Sent from my iPhone please excuse typos

On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" <lford@...> wrote:

> Plus the "leading edge" power output spike??!!
>
> See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
>
> http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Wed, 23 Jan 2013 08:24:58 AM EST
> From: Mike Rodgers mikerodgerske5gbc@...>
> To: "ic706@yahoogroups.com" ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
>
> > Will that amp take a 100w drive ?
> > As you say, just curious.
> >
> > 73
> > Mike R
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> >
> > > Just want to verify a couple things with connecting my icom 706 to my THP
> HL450B. I bought the 13 pin connector and based on the manual for the amp need
> to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the
> ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any
> other way to key the amp or do I need to use the 13 pin connector, just
> curious.
> > >
> > > Thanks,
> > >
> > > Keith

> > > AK6ZZ
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20290. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:42:09 UTC
From: Keith Heimbold
Topic: 20279  Message: 20290

After actually waking up I realize that a arb 704 won't help this issue. This darn icom 706 has had a myriad of issues. I didn't even anticipate this one. I guess I need to build one of these resistor boxes to put in line with it.

Thanks,

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" <lford@...> wrote:

> Plus the "leading edge" power output spike??!!
>
> See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
>
> http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Wed, 23 Jan 2013 08:24:58 AM EST
> From: Mike Rodgers mikerodgerske5gbc@...>
> To: "ic706@yahoogroups.com" ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
>
> > Will that amp take a 100w drive ?
> > As you say, just curious.
> >
> > 73
> > Mike R
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> >
> > > Just want to verify a couple things with connecting my icom 706 to my THP
> HL450B. I bought the 13 pin connector and based on the manual for the amp need
> to use ALC with this amplifier. So I think my pin out will be 6 & 2 for the
> ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there any

> other way to key the amp or do I need to use the 13 pin connector, just
> curious.
> > >
> > > Thanks,
> > >
> > > Keith
> > > AK6ZZ
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20291. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:47:16 UTC
From: LARRY J. FORD
Topic: 20279  Message: 20291

Right. The ARB-704 does not solve the 706 "leading edge power spike." It
does solve the lack of a built-in key line relay jack.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 23 Jan 2013 10:42:51 AM EST
From: Keith Heimbold <ag6az@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>Cc: "ic706@yahoogroups.com"
<ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection

> After actually waking up I realize that a arb 704 won't help this issue.
This darn icom 706 has had a myriad of issues. I didn't even anticipate this
one. I guess I need to build one of these resistor boxes to put in line with
it.
>
>
>
> Thanks,
>
>
>
> Keith
>
> AK6ZZ
>
>
>
> Sent from my iPhone please excuse typos
>
>
>
> On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" <lford@...> wrote:
>
>
>
> > Plus the "leading edge" power output spike??!!
>
> >
>
> > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
>
> >
>

> > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
>
> >
>
> > Larry J. Ford
>
> > KG4GPJ
>
> >
>
> >
>
> > ------ Original Message ------
>
> > Received: Wed, 23 Jan 2013 08:24:58 AM EST
>
> > From: Mike Rodgers mikerodgerske5gbc@...>
>
> > To: "ic706@yahoogroups.com" ic706@yahoogroups.com>
>
> > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
>
> >
>
> > > Will that amp take a 100w drive ?
>
> > > As you say, just curious.
>
> > >
>
> > > 73
>
> > > Mike R
>
> > >
>
> > > Play me some fiddle, but no stinkin' violin!
>
> > >
>
> > > Amateur/Ham Radio KE5GBC
>
> > > HF & Echolink mobile
>
> > >
>
> > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
>
> > >
>
> >

> > > > Just want to verify a couple things with connecting my icom 706 to my
THP
>
> > HL450B. I bought the 13 pin connector and based on the manual for the amp
need
>
> > to use ALC with this amplifier. So I think my pin out will be 6 & 2 for
the
>
> > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there
any
>
> > other way to key the amp or do I need to use the 13 pin connector, just
>
> > curious.
>
> > > >
>
> > > > Thanks,
>
> > > >
>
> > > > Keith
>
> > > > AK6ZZ
>
> > > >
>
> > > >
>
> > >
>
> > >
>
> > > [Non-text portions of this message have been removed]
>
> > >
>
> > >
>
> >
>
> >
>
> >
>
> [Non-text portions of this message have been removed]
>
>

# 20292. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 15:57:38 UTC
From: Keith Heimbold
Topic: 20279  Message: 20292

I guess I will not operate the amp until I get this sorted out. I just paid a lot for the HL450B and don't want to damage it.

I read the manual for the amp and I think there will be no issue or need for the arb704 but might put it in line anyway since it is gathering dust.

Thanks for all the recommendations.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Jan 23, 2013, at 7:47 AM, "LARRY J. FORD" <lford@...> wrote:

> Right. The ARB-704 does not solve the 706 "leading edge power spike." It
> does solve the lack of a built-in key line relay jack.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Wed, 23 Jan 2013 10:42:51 AM EST
> From: Keith Heimbold ag6az@...>
> To: "ic706@yahoogroups.com" ic706@yahoogroups.com>Cc: "ic706@yahoogroups.com"
> ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
>
> > After actually waking up I realize that a arb 704 won't help this issue.
> This darn icom 706 has had a myriad of issues. I didn't even anticipate this
> one. I guess I need to build one of these resistor boxes to put in line with
> it.
> >
> >
> >
> > Thanks,
> >
> >
> >
> > Keith
> >
> > AK6ZZ
> >
> >
> >

> > Sent from my iPhone please excuse typos
> >
> >
> >
> > On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" lford@...> wrote:
> >
> >
> >
> > > Plus the "leading edge" power output spike??!!
> >
> > >
> >
> > > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
> >
> > >
> >
> > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> >
> > >
> >
> > > Larry J. Ford
> >
> > > KG4GPJ
> >
> > >
> >
> > >
> >
> > > ------ Original Message ------
> >
> > > Received: Wed, 23 Jan 2013 08:24:58 AM EST
> >
> > > From: Mike Rodgers mikerodgerske5gbc@...>
> >
> > > To: "ic706@yahoogroups.comic706@yahoogroups.com>
> >
> > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> >
> > >
> >
> > > > Will that amp take a 100w drive ?
> >
> > > > As you say, just curious.
> >
> > > >
> >
> > > > 73
> >
> > > > Mike R
> >

> > > >
> >
> > > > Play me some fiddle, but no stinkin' violin!
> >
> > > >
> >
> > > > Amateur/Ham Radio KE5GBC
> >
> > > > HF & Echolink mobile
> >
> > > >
> >
> > > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> >
> > > >
> >
> > > > > Just want to verify a couple things with connecting my icom 706 to my
> THP
> >
> > > HL450B. I bought the 13 pin connector and based on the manual for the amp
> need
> >
> > > to use ALC with this amplifier. So I think my pin out will be 6 & 2 for
> the
> >
> > > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there
> any
> >
> > > other way to key the amp or do I need to use the 13 pin connector, just
> >
> > > curious.
> >
> > > > >
> >
> > > > > Thanks,
> >
> > > > >
> >
> > > > > Keith
> >
> > > > > AK6ZZ
> >
> > > > >
> >
> > > > >
> >
> > > >
> >
> > > >
> >

> > > > [Non-text portions of this message have been removed]
> >
> > > >
> >
> > > >
> >
> > >
> >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20293. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 16:40:59 UTC
From: Mike Rodgers
Topic: 20279  Message: 20293

Yeah Keith,
That's why I asked the question.
Most if not all 706's have a short power spike under 100w. I've never seen it on a analog meter but you can see it on the 706 meter.
I don't know positively that it would be a problem but better safe than sorry and I wanted you to be aware.

The brand new icom 7410 has the same if not worse problem.

If your like me after running the k3, the 706 not the same but holding on to two of my 706's for now.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 23, 2013, at 9:57 AM, Keith Heimbold <ag6az@...> wrote:

> I guess I will not operate the amp until I get this sorted out. I just paid a lot for the HL450B and don't want to damage it.
>
> I read the manual for the amp and I think there will be no issue or need for the arb704 but might put it in line anyway since it is gathering dust.
>
> Thanks for all the recommendations.
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
>
> On Jan 23, 2013, at 7:47 AM, "LARRY J. FORD" lford@...> wrote:
>
> > Right. The ARB-704 does not solve the 706 "leading edge power spike." It
> > does solve the lack of a built-in key line relay jack.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Wed, 23 Jan 2013 10:42:51 AM EST
> > From: Keith Heimbold ag6az@...>

> > To: "ic706@yahoogroups.comic706@yahoogroups.com>Cc: "ic706@yahoogroups.com"
> > ic706@yahoogroups.com>
> > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> >
> > > After actually waking up I realize that a arb 704 won't help this issue.
> > This darn icom 706 has had a myriad of issues. I didn't even anticipate this
> > one. I guess I need to build one of these resistor boxes to put in line with
> > it.
> > >
> > >
> > >
> > > Thanks,
> > >
> > >
> > >
> > > Keith
> > >
> > > AK6ZZ
> > >
> > >
> > >
> > > Sent from my iPhone please excuse typos
> > >
> > >
> > >
> > > On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" lford@...> wrote:
> > >
> > >
> > >
> > > > Plus the "leading edge" power output spike??!!
> > >
> > > >
> > >
> > > > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
> > >
> > > >
> > >
> > > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> > >
> > > >
> > >
> > > > Larry J. Ford
> > >
> > > > KG4GPJ
> > >
> > > >
> > >
> > > >
> > >
> > > >
> > >
> > > > ------ Original Message ------

> > >
> > > > Received: Wed, 23 Jan 2013 08:24:58 AM EST
> > >
> > > > From: Mike Rodgers mikerodgerske5gbc@...>
> > >
> > > > To: "ic706@yahoogroups.comic706@yahoogroups.com>
> > >
> > > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > >
> > > > >
> > >
> > > > > Will that amp take a 100w drive ?
> > >
> > > > > As you say, just curious.
> > >
> > > > > >
> > >
> > > > > 73
> > >
> > > > > Mike R
> > >
> > > > > >
> > >
> > > > > Play me some fiddle, but no stinkin' violin!
> > >
> > > > > >
> > >
> > > > > Amateur/Ham Radio KE5GBC
> > >
> > > > > HF & Echolink mobile
> > >
> > > > > >
> > >
> > > > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> > >
> > > > > >
> > >
> > > > > > Just want to verify a couple things with connecting my icom 706 to my
> > THP
> > >
> > > > HL450B. I bought the 13 pin connector and based on the manual for the amp
> > need
> > >
> > > > to use ALC with this amplifier. So I think my pin out will be 6 & 2 for
> > the
> > >
> > > > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there
> > any
> > >
> > > > other way to key the amp or do I need to use the 13 pin connector, just

> > >
> > > > curious.
> > >
> > > > > >
> > >
> > > > > > Thanks,
> > >
> > > > > >
> > >
> > > > > > Keith
> > >
> > > > > > AK6ZZ
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > >
> > >
> > > > > [Non-text portions of this message have been removed]
> > >
> > > > >
> > >
> > > > >
> > >
> > > > >
> > >
> > > > >
> > >
> > > > >
> > >
> > > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20294. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 16:57:14 UTC
From: Keith Heimbold
Topic: 20279  Message: 20294

I am new to this old line of transceiver and may now consider bringing it back into the shack as a backup rig. The time in the truck might be short lived.

I am sure this spike is not much of an issue for a tube type transceiver when it goes back inside.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Jan 23, 2013, at 8:41 AM, "Mike Rodgers" <mikerodgerske5gbc@...> wrote:

> Yeah Keith,
> That's why I asked the question.
> Most if not all 706's have a short power spike under 100w. I've never seen it on a analog meter but you can see it on the 706 meter.
> I don't know positively that it would be a problem but better safe than sorry and I wanted you to be aware.
>
> The brand new icom 7410 has the same if not worse problem.
>
> If your like me after running the k3, the 706 not the same but holding on to two of my 706's for now.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Jan 23, 2013, at 9:57 AM, Keith Heimbold ag6az@...> wrote:
>
> > I guess I will not operate the amp until I get this sorted out. I just paid a lot for the HL450B and don't want to damage it.
> >
> > I read the manual for the amp and I think there will be no issue or need for the arb704 but might put it in line anyway since it is gathering dust.
> >
> > Thanks for all the recommendations.
> >
> > Keith
> > AK6ZZ
> >

> > Sent from my iPhone please excuse typos
> >
> > On Jan 23, 2013, at 7:47 AM, "LARRY J. FORD" lford@...> wrote:
> >
> > > Right. The ARB-704 does not solve the 706 "leading edge power spike." It
> > > does solve the lack of a built-in key line relay jack.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ------ Original Message ------
> > > Received: Wed, 23 Jan 2013 10:42:51 AM EST
> > > From: Keith Heimbold ag6az@...>
> > > To: "ic706@yahoogroups.comic706@yahoogroups.com>Cc: "ic706@yahoogroups.com"
> > > ic706@yahoogroups.com>
> > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > >
> > > > After actually waking up I realize that a arb 704 won't help this issue.
> > > This darn icom 706 has had a myriad of issues. I didn't even anticipate this
> > > one. I guess I need to build one of these resistor boxes to put in line with
> > > it.
> > > >
> > > > >
> > > > >
> > > > Thanks,
> > > > >
> > > > >
> > > > >
> > > > Keith
> > > > >
> > > > AK6ZZ
> > > > >
> > > > >
> > > > >
> > > > Sent from my iPhone please excuse typos
> > > > >
> > > > >
> > > > >
> > > > On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" lford@...> wrote:
> > > > >
> > > > >
> > > > >
> > > > > Plus the "leading edge" power output spike??!!
> > > > >
> > > > > >
> > > > >
> > > > > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
> > > > >
> > > > > >

> > > >
> > > > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> > > >
> > > > >
> > > >
> > > > > Larry J. Ford
> > > >
> > > > > KG4GPJ
> > > >
> > > > >
> > > >
> > > > >
> > > >
> > > > > ------ Original Message ------
> > > >
> > > > > Received: Wed, 23 Jan 2013 08:24:58 AM EST
> > > >
> > > > > From: Mike Rodgers mikerodgerske5gbc@...>
> > > >
> > > > > To: "ic706@yahoogroups.comic706@yahoogroups.com>
> > > >
> > > > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > > >
> > > > >
> > > >
> > > > > > Will that amp take a 100w drive ?
> > > >
> > > > > > As you say, just curious.
> > > >
> > > > > >
> > > >
> > > > > > 73
> > > >
> > > > > > Mike R
> > > >
> > > > > >
> > > >
> > > > > > Play me some fiddle, but no stinkin' violin!
> > > >
> > > > > >
> > > >
> > > > > > Amateur/Ham Radio KE5GBC
> > > >
> > > > > > HF & Echolink mobile
> > > >
> > > > > >
> > > >
> > > > > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> > > >
> > > > > >

> > > >
> > > > > > > Just want to verify a couple things with connecting my icom 706 to my
> > > THP
> > > >
> > > > > HL450B. I bought the 13 pin connector and based on the manual for the amp
> > > need
> > > >
> > > > > to use ALC with this amplifier. So I think my pin out will be 6 & 2 for
> > > the
> > > >
> > > > > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there
> > > any
> > > >
> > > > > other way to key the amp or do I need to use the 13 pin connector, just
> > > >
> > > > > curious.
> > > >
> > > > > > > >
> > > >
> > > > > > > Thanks,
> > > >
> > > > > > > >
> > > >
> > > > > > > Keith
> > > >
> > > > > > > AK6ZZ
> > > >
> > > > > > > >
> > > >
> > > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > >
> > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > > >
> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > > > > [Non-text portions of this message have been removed]
> > > >
> > > > > > >
> > > >

> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20295. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 17:06:47 UTC
From: LARRY J. FORD
Topic: 20279  Message: 20295

You can definitely see the 706 "spike" on an AWM-30 active, peak-reading wattmeter, which is analog. I've seen peaks as high as 150 watts on an "original" 706 and a 706MKII, and it doesn't really matter if the power output setting on the rig is set for 100 watts or partial output power.

While I will drive my AL-1200 with a 706 (the AL-1200 is stout enough to take that much drive), but if I need to drive my ALS-600 with a 706, I put one of Phil Salas' attenuators in-line between the rig and the amp.

I also have an ICOM IC-7200, and note the leading-edge power spike is much less pronounced and have no problem driving the ALS-600 with the 7200 at drive power settings between 45 watts and 65 watts, depending upon the band.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 23 Jan 2013 11:41:50 AM EST
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection

> Yeah Keith,
> That's why I asked the question.
> Most if not all 706's have a short power spike under 100w. I've never seen it on a analog meter but you can see it on the 706 meter.
> I don't know positively that it would be a problem but better safe than sorry and I wanted you to be aware.
>
> The brand new icom 7410 has the same if not worse problem.
>
> If your like me after running the k3, the 706 not the same but holding on to two of my 706's for now.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Jan 23, 2013, at 9:57 AM, Keith Heimbold <ag6az@...> wrote:
>
> > I guess I will not operate the amp until I get this sorted out. I just paid a lot for the HL450B and don't want to damage it.

> >
> > I read the manual for the amp and I think there will be no issue or need
for the arb704 but might put it in line anyway since it is gathering dust.
> >
> > Thanks for all the recommendations.
> >
> > Keith
> > AK6ZZ
> >
> > Sent from my iPhone please excuse typos
> >
> > On Jan 23, 2013, at 7:47 AM, "LARRY J. FORD" lford@...> wrote:
> >
> > > Right. The ARB-704 does not solve the 706 "leading edge power spike."
It
> > > does solve the lack of a built-in key line relay jack.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ------ Original Message ------
> > > Received: Wed, 23 Jan 2013 10:42:51 AM EST
> > > From: Keith Heimbold ag6az@...>
> > > To: "ic706@yahoogroups.comic706@yahoogroups.com>Cc:
"ic706@yahoogroups.com"
> > > ic706@yahoogroups.com>
> > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > >
> > > > After actually waking up I realize that a arb 704 won't help this
issue.
> > > This darn icom 706 has had a myriad of issues. I didn't even anticipate
this
> > > one. I guess I need to build one of these resistor boxes to put in line
with
> > > it.
> > > >
> > > >
> > > >
> > > > Thanks,
> > > >
> > > >
> > > >
> > > > Keith
> > > >
> > > > AK6ZZ
> > > >
> > > >
> > > >
> > > > Sent from my iPhone please excuse typos

> > > >
> > > >
> > > >
> > > > On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" lford@...> wrote:
> > > >
> > > >
> > > >
> > > > > Plus the "leading edge" power output spike??!!
> > > >
> > > > >
> > > >
> > > > > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
> > > >
> > > > >
> > > >
> > > > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> > > >
> > > > >
> > > >
> > > > > Larry J. Ford
> > > >
> > > > > KG4GPJ
> > > >
> > > > >
> > > >
> > > > >
> > > >
> > > > > ------ Original Message ------
> > > >
> > > > > Received: Wed, 23 Jan 2013 08:24:58 AM EST
> > > >
> > > > > From: Mike Rodgers mikerodgerske5gbc@...>
> > > >
> > > > > To: "ic706@yahoogroups.comic706@yahoogroups.com>
> > > >
> > > > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier
connection
> > > >
> > > > >
> > > >
> > > > > > Will that amp take a 100w drive ?
> > > >
> > > > > > As you say, just curious.
> > > >
> > > > > >
> > > >
> > > > > > 73
> > > >
> > > > > > Mike R
> > > >

> > > > > >
> > > >
> > > > > > Play me some fiddle, but no stinkin' violin!
> > > >
> > > > > >
> > > >
> > > > > > Amateur/Ham Radio KE5GBC
> > > >
> > > > > > HF & Echolink mobile
> > > >
> > > > > >
> > > >
> > > > > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@...> wrote:
> > > >
> > > > > >
> > > >
> > > > > > Just want to verify a couple things with connecting my icom 706
to my
> > > THP
> > > >
> > > > > > HL450B. I bought the 13 pin connector and based on the manual for
the amp
> > > need
> > > >
> > > > > > to use ALC with this amplifier. So I think my pin out will be 6 & 2
for
> > > the
> > > >
> > > > > > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is
there
> > > any
> > > >
> > > > > > other way to key the amp or do I need to use the 13 pin connector,
just
> > > >
> > > > > > curious.
> > > >
> > > > > > > >
> > > >
> > > > > > > Thanks,
> > > >
> > > > > > > >
> > > >
> > > > > > > Keith
> > > >
> > > > > > > AK6ZZ
> > > >
> > > > > > > >
> > > >
> > > > > > > >

> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > > > > [Non-text portions of this message have been removed]
> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 20296. EXTERNAL: [ic706] Re: Complicated problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 17:07:46 UTC
From: Peter
Topic: 20261  Message: 20296

Great idea! Will pursue that. Thanks.
Peter KO6R

--- In ic706@yahoogroups.com, "Lefczik, Larry D" wrote:
>
> Since it seems to be a temperature related issue, I would also check the PL frequency as well as amplitude.
>
> If you are able to work with the repeater tech, ask to disable the PL requirement for testing while the repeaters are linked. This may narrow down the issue.
>
> 73 de NJ2L

# 20297. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 17:09:19 UTC
From: Mike Rodgers
Topic: 20279  Message: 20297

I ran a 706 in a big truck. I strapped the head unit to my leg.

Basically keeping the two I have with that purpose in mind and they are decent rigs.

I sold the mk2 I had recently and the buyer mentioned to me he had a problem locating brackets and separation cable and at normal prices.

It might be a good idea to pick up some accessories when spotted.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 23, 2013, at 10:57 AM, Keith Heimbold <ag6az@hotmail.com> wrote:

> I am new to this old line of transceiver and may now consider bringing it back into the shack as a backup rig. The time in the truck might be short lived.
>
> I am sure this spike is not much of an issue for a tube type transceiver when it goes back inside.
>
> Keith
> AK6ZZ
>
> Sent from my iPhone please excuse typos
>
> On Jan 23, 2013, at 8:41 AM, "Mike Rodgers" mikerodgerske5gbc@...> wrote:
>
> > Yeah Keith,
> > That's why I asked the question.
> > Most if not all 706's have a short power spike under 100w. I've never seen it on a analog meter but you can see it on the 706 meter.
> > I don't know positively that it would be a problem but better safe than sorry and I wanted you to be aware.
> >
> > The brand new icom 7410 has the same if not worse problem.
> >
> > If your like me after running the k3, the 706 not the same but holding on to two of my 706's for now.
> >
> > 73
> > Mike R
> >

> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On Jan 23, 2013, at 9:57 AM, Keith Heimbold ag6az@...> wrote:
> >
> > > I guess I will not operate the amp until I get this sorted out. I just paid a lot for the HL450B and don't want to damage it.
> > >
> > > I read the manual for the amp and I think there will be no issue or need for the arb704 but might put it in line anyway since it is gathering dust.
> > >
> > > Thanks for all the recommendations.
> > >
> > > Keith
> > > AK6ZZ
> > >
> > > Sent from my iPhone please excuse typos
> > >
> > > On Jan 23, 2013, at 7:47 AM, "LARRY J. FORD" lford@...> wrote:
> > >
> > > > Right. The ARB-704 does not solve the 706 "leading edge power spike." It
> > > > does solve the lack of a built-in key line relay jack.
> > > >
> > > > Larry J. Ford
> > > > KG4GPJ
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: Wed, 23 Jan 2013 10:42:51 AM EST
> > > > From: Keith Heimbold ag6az@...>
> > > > To: "ic706@yahoogroups.comic706@yahoogroups.com>Cc: "ic706@yahoogroups.com"
> > > > ic706@yahoogroups.com>
> > > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > > >
> > > > > After actually waking up I realize that a arb 704 won't help this issue.
> > > > This darn icom 706 has had a myriad of issues. I didn't even anticipate this
> > > > one. I guess I need to build one of these resistor boxes to put in line with
> > > > it.
> > > > >
> > > > >
> > > > >
> > > > > Thanks,
> > > > >
> > > > >
> > > > >
> > > > > Keith
> > > > >
> > > > > AK6ZZ

> > > > >
> > > > >
> > > > >
> > > > > Sent from my iPhone please excuse typos
> > > > >
> > > > >
> > > > >
> > > > > On Jan 23, 2013, at 7:00 AM, "LARRY J. FORD" lford@...> wrote:
> > > > >
> > > > >
> > > > >
> > > > > > Plus the "leading edge" power output spike??!!
> > > > >
> > > > > >
> > > > >
> > > > > > See: http://www.ad5x.com/images/Articles/Overshoot%20Protection.pdf
> > > > >
> > > > > >
> > > > >
> > > > > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> > > > >
> > > > > >
> > > > >
> > > > > > Larry J. Ford
> > > > >
> > > > > > KG4GPJ
> > > > >
> > > > > >
> > > > >
> > > > > >
> > > > >
> > > > > > ------ Original Message ------
> > > > >
> > > > > > Received: Wed, 23 Jan 2013 08:24:58 AM EST
> > > > >
> > > > > > From: Mike Rodgers mikerodgerske5gbc@...>
> > > > >
> > > > > > To: "ic706@yahoogroups.comic706@yahoogroups.com>
> > > > >
> > > > > > Subject: Re: [ic706] Icom 706 to thp Solid state Amplifier connection
> > > > >
> > > > > >
> > > > >
> > > > > > > Will that amp take a 100w drive ?
> > > > >
> > > > > > > As you say, just curious.
> > > > >
> > > > > > >
> > > > >
> > > > > > > 73

> > > > >
> > > > > > > Mike R
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > Play me some fiddle, but no stinkin' violin!
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > Amateur/Ham Radio KE5GBC
> > > > > >
> > > > > > > HF & Echolink mobile
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > On Jan 22, 2013, at 6:00 PM, "KeithH" ag6az@hotmail.com> wrote:
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > Just want to verify a couple things with connecting my icom 706 to my
> > > > THP
> > > > > >
> > > > > > > HL450B. I bought the 13 pin connector and based on the manual for the amp
> > > > need
> > > > > >
> > > > > > > to use ALC with this amplifier. So I think my pin out will be 6 & 2 for
> > > > the
> > > > > >
> > > > > > > ALC RCA, and 3 & 2 for the key. Can anyone verify this for me? Is there
> > > > any
> > > > > >
> > > > > > > other way to key the amp or do I need to use the 13 pin connector, just
> > > > > >
> > > > > > > curious.
> > > > > >
> > > > > > > > >
> > > > > >
> > > > > > > > > Thanks,
> > > > > >
> > > > > > > > >
> > > > > >
> > > > > > > > > Keith
> > > > > >
> > > > > > > > > AK6ZZ
> > > > > >
> > > > > > > > >
> > > > > >
> > > > > > > > >
> > > > > >
> > > > > > > > >
> > > > > >
> > > > > > > > >

> > > > >
> > > > > > >
> > > > > >
> > > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > >
> > > > > >
> > > > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > [Non-text portions of this message have been removed]
> > > > > >
> > > > > > >
> > > > > >
> > > > > >
> > > > >
> > > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > [Non-text portions of this message have been removed]
> >
> >

[Non-text portions of this message have been removed]

# 20298. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 18:43:21 UTC
From: AG0N-3055
Topic: 20279  Message: 20298

On Wed, 23 Jan 2013 06:14:32 -0800, Keith Heimbold wrote:

> No maximum input is 50W. I got it working I think last night.
> At least the amp keyed and no protection came on until I went
> to power setting of 6. Just wanted to test the limits a little.

Have you tried it without the ALC hooked up? Some manufacturers recommend you do NOT hook up ALC between the radio and the amplifier. They provide the port for it, but say to not use it. Just turn the radio down to the recommended drive power and use it.

The ALC overshoot problem is not unique to Icom. Kenwood has a pretty severe problem with it too, especially in the 590. Some amplifiers will not tolerate the spike, and some will. I run the 590 with the KPA-500 from Elecraft. It tolerates the spike just fine. But I know some will fault off from overdrive. Tube amps just "don't care". I specifically asked the engineers at Elecraft about the ALC overshoot with the KPA-500 before I bought it. They said to not hook up and ALC and it will work fine.

Using the ALC line between the amp and the radio will not help the ALC overshoot problem. The radio is the one with the problem. It will still have the problem with it hooked up.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20299. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 19:01:46 UTC
From: Keith Heimbold
Topic: 20279  Message: 20299

I have contacted Phil to see if I can obtain such attentuator from him. i have owned a number of solid state amplifiers, Quadra, FL7000, and THP, and never had any issues with my previous rigs (FT920, FT950, or K3) harming these amps.

> if I need to drive my ALS-600 with a 706, I put one of
> Phil Salas' attenuators in-line between the rig and the amp.
>
I do appreciate all the knowledge passed on from this reflector's members. Thanks for all the great information.

Thanks,

Keith
AK6ZZ

>
>
Sent from my iPhone please excuse typos

[Non-text portions of this message have been removed]

# 20300. Re: [ic706] Icom 706 to thp Solid state Amplifier connection

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-23 19:48:05 UTC
From: Mike Rodgers
Topic: 20279  Message: 20300

Tube amps "do care" if they are low drive ceramic tubes. As in 30w drive for 1kw out.
Tube numbers like 3cx..... Or 4cx......

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Jan 23, 2013, at 12:43 PM, AG0N-3055 <mcduffie@...> wrote:

> On Wed, 23 Jan 2013 06:14:32 -0800, Keith Heimbold wrote:
>
> > No maximum input is 50W. I got it working I think last night.
> > At least the amp keyed and no protection came on until I went
> > to power setting of 6. Just wanted to test the limits a little.
>
> Have you tried it without the ALC hooked up? Some manufacturers
> recommend you do NOT hook up ALC between the radio and the amplifier.
> They provide the port for it, but say to not use it. Just turn the
> radio down to the recommended drive power and use it.
>
> The ALC overshoot problem is not unique to Icom. Kenwood has a pretty
> severe problem with it too, especially in the 590. Some amplifiers will
> not tolerate the spike, and some will. I run the 590 with the KPA-500
> from Elecraft. It tolerates the spike just fine. But I know some will
> fault off from overdrive. Tube amps just "don't care". I specifically
> asked the engineers at Elecraft about the ALC overshoot with the KPA-500
> before I bought it. They said to not hook up and ALC and it will work
> fine.
>
> Using the ALC line between the amp and the radio will not help the ALC
> overshoot problem. The radio is the one with the problem. It will
> still have the problem with it hooked up.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

[Non-text portions of this message have been removed]

# 20301. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-26 13:53:37 UTC
From: Philip Loudin
Topic: 20301  Message: 20301

http://htc-a3333.ru/wp-content/themes/carpoint-210/hltfu.html

Philip Loudin

[Non-text portions of this message have been removed]

# 20302. CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-28 20:25:58 UTC
From: LARRY J. FORD
Topic: 20302  Message: 20302

For those folks who are using a Signalink USB with an IC-706 and HRD/DM-780, what are you using for CI-V/CAT control?

I have a Signalink USB on the way for my IC-706, but realized (doh!) that if I want to use that set-up with HRD/DM-780 in the same manner as I do with my IC-7200 (e.g., rig control), I need a separate CI-V/CAT control interface between the 706 and the PC.

Recommendations?

Thanks,

Larry J. Ford
KG4GPJ

# 20303. Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 00:52:13 UTC
From: Hroller McKnutt
Topic: 20302  Message: 20303

On Mon, Jan 28, 2013 at 2:25 PM, LARRY J. FORD <lford@...> wrote:
>
> For those folks who are using a Signalink USB with an IC-706 and HRD/DM-780,
> what are you using for CI-V/CAT control?

I'm using DX Labs rather than HRD (But I'm looking at HRD now, might
give it a shot) and I just picked up a 706MkIIG last weekend, I
ordered a USB CI-V Cat CT-17 Cable off Amazon. The exact one I ordered
is out of stock now (there were 3 yesterday), but there are others on
amazon.

I per avoid the super cheap $10 ones on principle (I've had issues
with fake prolific chips on serial/USB converter cables) but I did
notice
http://www.amazon.com/CT-17-Interface-Cable-IC-7000-IC-703/dp/B003H7PC2O/ref=pd_sim_e_2
which is a serial version if you have a serial port. There are also
other options out there if you look around for a LOT less money than
the Icom OEM version, though at least with the OEM version you know
you're getting exactly what you think you are.

Mike
KD0TGR
--
Nullo edactore ligni, consilium cedet. - Countess Magda

# 20304. Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 15:08:00 UTC
From: LARRY J. FORD
Topic: 20302  Message: 20304

Thanks, I'll check it out.

Does anyone know of a "home-brew" ICOM CI-V circuit that can be built by
someone who is reasonably proficient with a soldering iron, but not an "EE?"

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 28 Jan 2013 10:42:44 PM EST
From: Hroller McKnutt <hroller@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

> On Mon, Jan 28, 2013 at 2:25 PM, LARRY J. FORD <lford@...> wrote:
> >
> > For those folks who are using a Signalink USB with an IC-706 and
HRD/DM-780,
> > what are you using for CI-V/CAT control?
>
> I'm using DX Labs rather than HRD (But I'm looking at HRD now, might
> give it a shot) and I just picked up a 706MkIIG last weekend, I
> ordered a USB CI-V Cat CT-17 Cable off Amazon. The exact one I ordered
> is out of stock now (there were 3 yesterday), but there are others on
> amazon.
>
> I per avoid the super cheap $10 ones on principle (I've had issues
> with fake prolific chips on serial/USB converter cables) but I did
> notice
http://www.amazon.com/CT-17-Interface-Cable-IC-7000-IC-703/dp/B003H7PC2O/ref=pd_sim_e_2
> which is a serial version if you have a serial port. There are also
> other options out there if you look around for a LOT less money than
> the Icom OEM version, though at least with the OEM version you know
> you're getting exactly what you think you are.
>
> Mike
> KD0TGR
> --
> Nullo edactore ligni, consilium cedet. - Countess Magda
>

# 20305. Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 15:29:46 UTC
From: R. Blackman
Topic: 20302  Message: 20305

Larry: see my homebrew page for a simple CI-V using serial, not USB control
it is the first one on the list.
http://va3ndo.tripod.com/index.htm

Richard VA3NDO

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Tuesday, January 29, 2013 10:08 AM
Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Thanks, I'll check it out.

Does anyone know of a "home-brew" ICOM CI-V circuit that can be built by
someone who is reasonably proficient with a soldering iron, but not an "EE?"

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 28 Jan 2013 10:42:44 PM EST
From: Hroller McKnutt hroller@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

> On Mon, Jan 28, 2013 at 2:25 PM, LARRY J. FORD lford@...> wrote:
> >
> > For those folks who are using a Signalink USB with an IC-706 and
HRD/DM-780,
> > what are you using for CI-V/CAT control?
>
> I'm using DX Labs rather than HRD (But I'm looking at HRD now, might
> give it a shot) and I just picked up a 706MkIIG last weekend, I
> ordered a USB CI-V Cat CT-17 Cable off Amazon. The exact one I ordered
> is out of stock now (there were 3 yesterday), but there are others on
> amazon.
>
> I per avoid the super cheap $10 ones on principle (I've had issues
> with fake prolific chips on serial/USB converter cables) but I did
> notice
http://www.amazon.com/CT-17-Interface-Cable-IC-7000-IC-703/dp/B003H7PC2O/ref=pd_sim_e_2
> which is a serial version if you have a serial port. There are also
> other options out there if you look around for a LOT less money than
> the Icom OEM version, though at least with the OEM version you know

> you're getting exactly what you think you are.
>
> Mike
> KD0TGR
> --
> Nullo edactore ligni, consilium cedet. - Countess Magda
>

[Non-text portions of this message have been removed]

# 20306. Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 15:57:17 UTC
From: Ralph Mowery
Topic: 20302  Message: 20306

You can also get about the same thing off ebay for a few dollars.  I bought two circuit boards similar to that circuit a while back for About $ 8 including shipping. I think I could have gotten just one asyembled board for about $ 5, but there are many programmers that use the MAX232 chip so I thought I would get an extra one just to have around.  All you have to do is hook up the external wires and put it in a case if you want to.

That same circuit will usually work with one of the cheap USB to rs232 converters if all you have is a USB port.  There are probably some USB devices around also for not too much.

I don't know how bad Icom is ripping people off now, but it used to be over $ 100 for the thing that could be built for less than $ 10 if you had to buy all new parts.

With all the stuff comming in from China, it is amazing how cheap somethings are.  Unless you have a good supply of parts, it is often cheaper to get the whole thing.

--- On Tue, 1/29/13, R. Blackman <richard.blackman@...> wrote:

From: R. Blackman <richard.blackman@...>
Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink
To: ic706@yahoogroups.com
Date: Tuesday, January 29, 2013, 10:29 AM

Larry: see my homebrew page for a simple CI-V using serial, not USB control
it is the first one on the list.
http://va3ndo.tripod.com/index.htm

Richard  VA3NDO

  ----- Original Message -----
  From: LARRY J. FORD
  To: ic706@yahoogroups.com
  Sent: Tuesday, January 29, 2013 10:08 AM
  Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

  Thanks, I'll check it out.

  Does anyone know of a "home-brew" ICOM CI-V circuit that can be built by
  someone who is reasonably proficient with a soldering iron, but not an "EE?"

  73,

  Larry J. Ford
  KG4GPJ

[Non-text portions of this message have been removed]

# 20307. Re: CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 16:15:33 UTC
From: Tom Root
Topic: 20302  Message: 20307

I use my SignaLink with my IC706MKIIG for PSK31..and I just plug my laptop into the back of the SignaLink with the USB cable..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20308. Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 17:16:02 UTC
From: Ernest L. Kapphahn
Topic: 20302  Message: 20308

Check on EBay for "CI-V Cable". There are quite a few for under $10 for
the 706 radios.
Ernie
W6KAP

On 1/29/2013 7:08 AM, LARRY J. FORD wrote:
>
> Thanks, I'll check it out.
>
> Does anyone know of a "home-brew" ICOM CI-V circuit that can be built by
> someone who is reasonably proficient with a soldering iron, but not an
> "EE?"
>
> 73,
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 28 Jan 2013 10:42:44 PM EST
> From: Hroller McKnutt hroller@... <mailto:hroller%40gmail.com>>
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] CI-V/CAT Control for IC-706 w/Signalink
>
> > On Mon, Jan 28, 2013 at 2:25 PM, LARRY J. FORD lford@...
> <mailto:lford%40usa.net>> wrote:
> > >
> > > For those folks who are using a Signalink USB with an IC-706 and
> HRD/DM-780,
> > > what are you using for CI-V/CAT control?
> >
> > I'm using DX Labs rather than HRD (But I'm looking at HRD now, might
> > give it a shot) and I just picked up a 706MkIIG last weekend, I
> > ordered a USB CI-V Cat CT-17 Cable off Amazon. The exact one I ordered
> > is out of stock now (there were 3 yesterday), but there are others on
> > amazon.
> >
> > I per avoid the super cheap $10 ones on principle (I've had issues
> > with fake prolific chips on serial/USB converter cables) but I did
> > notice
> http://www.amazon.com/CT-17-Interface-Cable-IC-7000-IC-703/dp/B003H7PC2O/ref=pd_sim_e_2
> > which is a serial version if you have a serial port. There are also
> > other options out there if you look around for a LOT less money than
> > the Icom OEM version, though at least with the OEM version you know

> > you're getting exactly what you think you are.
> >
> > Mike
> > KD0TGR
> > --
> > Nullo edactore ligni, consilium cedet. - Countess Magda
> >
>
>

[Non-text portions of this message have been removed]

# 20309. Re: [ic706] Re: CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 19:43:39 UTC
From: LARRY J. FORD
Topic: 20302  Message: 20309

Thanks, but what you describe does not provide for rig control, which is what
I was asking about.

No need for CI-V just getting the audio into and out of the computer to the
rig via the Signalink.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 29 Jan 2013 11:22:38 AM EST
From: "Tom Root" <wb8uuj@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] Re: CI-V/CAT Control for IC-706 w/Signalink

> I use my SignaLink with my IC706MKIIG for PSK31..and I just plug my laptop
> into the back of the SignaLink with the USB cable..T
>
>
>
> Tom Root (WB8UUJ)
>
> Flushing, MI USA
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20310. Re: [ic706] Re: CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-29 23:23:38 UTC
From: LARRY J. FORD
Topic: 20302  Message: 20310

Thanks to all for their comments.

I found a CI-V USB cable on Amazon with the FTDI chipset from a US-based company with free shipping for a reasonable price that can have it here in a few days, so I ordered that one.

I still may try building that "home-brew" circuit that was posted, though, when I get a "round2it!"

73,

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 29 Jan 2013 02:44:04 PM EST
From: "LARRY J. FORD" <lford@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Re: CI-V/CAT Control for IC-706 w/Signalink

> Thanks, but what you describe does not provide for rig control, which is what
> I was asking about.
>
> No need for CI-V just getting the audio into and out of the computer to the
> rig via the Signalink.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Tue, 29 Jan 2013 11:22:38 AM EST
> From: "Tom Root" <wb8uuj@...>
> To: <ic706@yahoogroups.com>
> Subject: [ic706] Re: CI-V/CAT Control for IC-706 w/Signalink
>
> > I use my SignaLink with my IC706MKIIG for PSK31..and I just plug my laptop
> > into the back of the SignaLink with the USB cable..T
> >
> >
> >
> > Tom Root (WB8UUJ)

> >
> > Flushing, MI USA
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>

# 20311. AH-4 tuner power question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-30 17:54:29 UTC
From: Wayne Bowyer
Topic: 20311  Message: 20311

Question concerning AH4 operation with my 706G. Once I tune a 20 meter freq (for example) and then pull the 4 pin tuner cable from the back of my rig---does the AH4 then default to straight thru operation?

Wayne
n4eyz

[Non-text portions of this message have been removed]

# 20312. Re: CI-V/CAT Control for IC-706 w/Signalink

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-31 01:46:19 UTC
From: Michael Heit
Topic: 20302  Message: 20312

Hello fellows,

I am new to this list and only recently acquired a IC706 MKII with the AT180 antenna tuner. I bought a CI-V / CAT cable for this radio from an Ebay merchant listed here http://www.ebay.com/itm/PSK31-Interface-Full-CAT-Icom-IC-706-All-versions-/370543269051?_trksid=p5197.m1992&_trkparms=aid%3D111000%26algo%3DREC.CURRENT%26ao%3D1%26asc%3D14%26meid%3D5252009532710379096%26pid%3D100015%26prg%3D1006%26rk%3D1%26sd%3D370543269051%26

This cable has a DB-9 serial connector so I purchased a serial to USB converter and attempted to use the radio on an old laptop I have available. I had problems that were due to IRQ conflicts in the particular laptop; occasionally I could get the unit to work using Ham Radio Deluxe but doing so was a serious effort and no consistent. I built up a PC from a series of old parts I had sitting around and installed a used 80 GB hard drive that I formatted and installed Windows XP in the bare bones mode. I installed HRD and a few other ham radio programs for later use with a PK232 TNC and connected the radio up to the computer via the cable set I bought. It worked first time out and ever since with no problems at all. This last weekend I made my first ever digital contacts using PSK31 mode on 20 meters; two contacts were in Russia, and one in Japan and in all cases my reported signals were 599. Incoming signals were of the same quality so I guess the propagation gods were happy with me that day. The northern lights are active up here and the noise floor has been seriously bad for the last few weeks.

I found this cable set very easy to install and set up; I need to learn HRD and the waterfall program better, and as for learning the logbook function I also need to nail that down as well. The one drawback to the set up is that I cannot use the AT180 while using the computer connection as the 13 pin connector is common to both applications so I have to shut the radio down, tune in the band frequency I want to use, then reconnect to the computer before searching and sending messages. I am currently working on a set up where I can just switch between the two functions with out connecting and disconnecting either the radio, tuner, or computer. I am very happy with the system as it is currently working, and plan to make a video this weekend showing how to set up the cable connection, opening HRD using my IC706 MKII and hopefully make a contact while making the video. When I am done I will up load the video to my you tube channel located here: www.youtube.com/michaeldavidheit  the builder of the cable set has been a real champ in helping me get this set up going and has built a very high quality cable connection. If you wish to try this out keep in touch and I can hopefully be of assistance ... and make a QSO with a lot of you on this list.

This cable set cost me right at $52.00 with shipping to Alaska and is worth every penny if a person wants to get on the air quickly; just don't try using an old computer with a seriously over loaded hard drive and USB converter .... I need to flush that old laptop but now I want to look into connecting into a tablet with this radio ....  which is as good a reason as any I can think of to justify buying a new tablet. Or maybe a new KX3???

Michael Heit AD7VV
North Pole, Alaska 99705

http://calvaryfairbanks.org/

"You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe Sanh, RVN 1968

"What is the meaning of a gold standard and a redeemable currency? It represents integrity. It insures the people's control over the government's use of the public purse. It is the best guarantee against the socialization of a nation. It enables a people to keep the government and banks in check. It prevents currency expansion from getting ever farther out of bounds until it becomes worthless. It tends to force standards of honesty on government and bank officials. It is the symbol of a free society and an honorable government. It is a necessary prerequisite to economic health. It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University

The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: "A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it." McHenry's notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)

[Non-text portions of this message have been removed]

# 20313. IC706 MKII non G no 2m TX on SSB FM and others fine.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-01-31 10:32:49 UTC
From: ZL1SWW
Topic: 20313  Message: 20313

Hi all,
I have a 706 MKII that has a wierd fault on 2m in that the unit will TX on SSB for a short time like 10 seconds and then will not show output after that. FM works fine on 2m and other bands OK.

RTTY works on 2m as well just SSB faulty. While faulty, the power meter still reads as normal.

Starting to suspect the ALC line (vfor line) maybe affecting it. The Vfor and for lines are joined at some point.

Any ideas or anyone seen this fault?

Cheers & thanks,

Simon
ZL1SWW

# 20314. AGC Slowl & Fast

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-05 02:03:05 UTC
From: cax3nj
Topic: 20314  Message: 20314

Besides AGC Normal/slow and AGC Fast, can the AGC be turned off?
73
Stan N1ZX

# 20315. Re: [ic706] AGC Slowl & Fast

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-05 02:38:36 UTC
From: Wayne Bowyer
Topic: 20314  Message: 20315

It does not appear so. (I can find no provision in the manual)

73
Wayne N4EYZ

On Mon, Feb 4, 2013 at 9:03 PM, cax3nj <n1zx@...> wrote:

> **
>
>
> Besides AGC Normal/slow and AGC Fast, can the AGC be turned off?
> 73
> Stan N1ZX
>
>
>

[Non-text portions of this message have been removed]

# 20316. Re: [ic706] AGC Slowl & Fast

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-05 03:42:42 UTC
From: John G.
Topic: 20314  Message: 20316

Hi Stan,

Nope, no way to turn it off.

73 John AF5CC

----- Original Message -----
From: cax3nj
To: ic706@yahoogroups.com
Sent: Tuesday, February 05, 2013 2:03 AM
Subject: [ic706] AGC Slowl & Fast

Besides AGC Normal/slow and AGC Fast, can the AGC be turned off?
73
Stan N1ZX

[Non-text portions of this message have been removed]

# 20317. Re: AGC Slowl & Fast

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-07 19:40:48 UTC
From: voip10
Topic: 20314  Message: 20317

I remember trying another rig where the AGC had been disabled in menus, an FT-857, I think it was. It sounded as if there was something badly wrong with the receiver; very gruff, distorted audio, so turning AGC off is not a good idea and is probably why the option is not available on the IC-706. It is possible to achieve something similar to not having an AGC by turning down the RF gain (anticlockwise), and is quite an effective method of reducing noise on receive.

--- In ic706@yahoogroups.com, "John G." wrote:
>
> Hi Stan,
>
> Nope, no way to turn it off.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: cax3nj
> To: ic706@yahoogroups.com
> Sent: Tuesday, February 05, 2013 2:03 AM
> Subject: [ic706] AGC Slowl & Fast
>
>
>
> Besides AGC Normal/slow and AGC Fast, can the AGC be turned off?
> 73
> Stan N1ZX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20318. Re: [ic706] Re: AGC Slowl & Fast

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-08 10:41:48 UTC
From: KHLT
Topic: 20314  Message: 20318

I use the 706 for a lot of data, for that an off on the AGC would be very desirable. The only way would probably be a circuit mod but as yet none have been found.

Kymmy

On 07/02/2013 19:40, voip10 wrote:
> I remember trying another rig where the AGC had been disabled in menus, an FT-857, I think it was. It sounded as if there was something badly wrong with the receiver; very gruff, distorted audio, so turning AGC off is not a good idea and is probably why the option is not available on the IC-706. It is possible to achieve something similar to not having an AGC by turning down the RF gain (anticlockwise), and is quite an effective method of reducing noise on receive.
>
>

# 20319. Here We Go Again- MRF255

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-08 14:22:37 UTC
From: arc5stinson
Topic: 20319  Message: 20319

Here we go again on MRF255 finals.
There are many and vastly conflicting results
about this via Google. I've even seen people
say to use a device that turns out to be a bipolar.

A lot of people ask. Few get meaningful answers.
I take it no one has come up with a real fix?
I've ordered a couple of the chinese "knock-offs"
and am crossing my fingers ;-)

73 Dave S.

# 20320. Re: [ic706] Here We Go Again- MRF255

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-08 16:56:43 UTC
From: Mike Rodgers
Topic: 20319  Message: 20320

It seems to me someone came up with a fix. It may have been quite involved.

Also some kind of repeater final.

Maybe they will share again.

I probally have those emails buried somewhere.

I just sold a mk2 not g and noticed the markings I could see on one of the finals appeared not to be what the manual prescribed.

Good Luck and if the Chinese parts work out please share.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 8, 2013, at 8:22 AM, "arc5stinson" <arc5@...> wrote:

> Here we go again on MRF255 finals.
> There are many and vastly conflicting results
> about this via Google. I've even seen people
> say to use a device that turns out to be a bipolar.
>
> A lot of people ask. Few get meaningful answers.
> I take it no one has come up with a real fix?
> I've ordered a couple of the chinese "knock-offs"
> and am crossing my fingers ;-)
>
> 73 Dave S.
>
>

[Non-text portions of this message have been removed]

# 20321. cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-09 11:45:00 UTC
From: mike6deepeejay
Topic: 20321  Message: 20321

Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now

# 20322. Re: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-09 15:41:00 UTC
From: LARRY J. FORD
Topic: 20321  Message: 20322

Nope; I just bought a $27.00 (USD) CI-V/USB cable with FTDI chipset that works just fine with my IC-706 and HRD/DM-780, etc., for keying the rig, changing frequencies, and other basic functions.

I do note that HRD controls fewer rig functions on the 706 under CI-V than it does on my IC-7200 using the built-in USB/CI-V/CAT port on the 7200, but have not had time to fully explore the CI-V commands and functions on the 706.

I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI (part no. RPC-I17-U).

Note: the 706 I'm using it on is an "original" IC-706, and I have not tried it with my IC-706MKII, but as the CI-V addresses are the same, it should work with the MKII also.

If you've used all these different cables and the same computer with no luck, have you tried a different computer, and/or double-checked the CI-V address you're using?

HTH.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 09 Feb 2013 06:45:48 AM EST
From: "mike6deepeejay" <pauljones20@...>
To: ic706@yahoogroups.com
Subject: [ic706] cat control

> Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
>
>

# 20323. Re: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-10 05:58:47 UTC
From: Hroller McKnutt
Topic: 20321  Message: 20323

On Sat, Feb 9, 2013 at 9:41 AM, LARRY J. FORD <lford@...> wrote:
> I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI
> (part no. RPC-I17-U).
>
> Note: the 706 I'm using it on is an "original" IC-706, and I have not tried it
> with my IC-706MKII, but as the CI-V addresses are the same, it should work
> with the MKII also.

I'm using the same cable on my MkIIG

I had a minor annoyance with the drivers but sorted it quickly (I'm
running Win7 Pro and HRD but it worked with DX Commander too)

Mike
KD0TGR
--
Nullo edactore ligni, consilium cedet. - Countess Magda

# 20324. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-10 19:31:31 UTC
From: Tony
Topic: 20321  Message: 20324

A lot of the functions are not programmed into the IC706. I don't remember the list but duplex, PL tone and S meter are a few not implemented.

Tony

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
Sent: Saturday, February 09, 2013 9:41 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] cat control

Nope; I just bought a $27.00 (USD) CI-V/USB cable with FTDI chipset that works just fine with my IC-706 and HRD/DM-780, etc., for keying the rig, changing frequencies, and other basic functions.

I do note that HRD controls fewer rig functions on the 706 under CI-V than it does on my IC-7200 using the built-in USB/CI-V/CAT port on the 7200, but have not had time to fully explore the CI-V commands and functions on the 706.

I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI (part no. RPC-I17-U).

Note: the 706 I'm using it on is an "original" IC-706, and I have not tried it with my IC-706MKII, but as the CI-V addresses are the same, it should work with the MKII also.

If you've used all these different cables and the same computer with no luck, have you tried a different computer, and/or double-checked the CI-V address you're using?

HTH.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 09 Feb 2013 06:45:48 AM EST
From: "mike6deepeejay" <pauljones20@...>
To: ic706@yahoogroups.com
Subject: [ic706] cat control

> Hi is there any reason why i cant cat control my 706 mk1 i have tried
> loads
of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
>

>

---

Yahoo! Groups Links

# 20325. Re: cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-10 23:31:15 UTC
From: mike6deepeejay
Topic: 20321  Message: 20325

Its seems people are missing the point here no cable will work is there a chip diode anything that can cause this problem is there something nternal that has failed???

--- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
>
> Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
>

# 20326. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-10 22:26:32 UTC
From: Ronnie King
Topic: 20321  Message: 20326

My 706 has all 3 of these functions.

---

Ronnie King

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Tony
Sent: Sunday, February 10, 2013 2:32 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] cat control

A lot of the functions are not programmed into the IC706. I don't remember the list but duplex, PL tone and S meter are a few not implemented.

Tony

-----Original Message-----
From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
[mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of
LARRY J. FORD
Sent: Saturday, February 09, 2013 9:41 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] cat control

Nope; I just bought a $27.00 (USD) CI-V/USB cable with FTDI chipset that works just fine with my IC-706 and HRD/DM-780, etc., for keying the rig, changing frequencies, and other basic functions.

I do note that HRD controls fewer rig functions on the 706 under CI-V than it does on my IC-7200 using the built-in USB/CI-V/CAT port on the 7200, but have not had time to fully explore the CI-V commands and functions on the 706.

I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI (part no. RPC-I17-U).

Note: the 706 I'm using it on is an "original" IC-706, and I have not tried it with my IC-706MKII, but as the CI-V addresses are the same, it should work with the MKII also.

If you've used all these different cables and the same computer with no luck, have you tried a different computer, and/or double-checked the CI-V address you're using?

HTH.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 09 Feb 2013 06:45:48 AM EST
From: "mike6deepeejay" pauljones20@... <mailto:pauljones20%40msn.com> >
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] cat control

> Hi is there any reason why i cant cat control my 706 mk1 i have tried
> loads
of software loads of cables infact i have spent somewhere around £50 in
leads alone its really p***in me off now
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20327. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 04:17:18 UTC
From: Tony
Topic: 20321  Message: 20327

Yes, but you can't set them via computer control. Can only be set from the front panel.

Tony

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ronnie King
Sent: Sunday, February 10, 2013 4:27 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] cat control

My 706 has all 3 of these functions.

---

Ronnie King

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Tony
Sent: Sunday, February 10, 2013 2:32 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] cat control

A lot of the functions are not programmed into the IC706. I don't remember the list but duplex, PL tone and S meter are a few not implemented.

Tony

-----Original Message-----
From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf Of LARRY J. FORD
Sent: Saturday, February 09, 2013 9:41 AM
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] cat control

Nope; I just bought a $27.00 (USD) CI-V/USB cable with FTDI chipset that works just fine with my IC-706 and HRD/DM-780, etc., for keying the rig, changing frequencies, and other basic functions.

I do note that HRD controls fewer rig functions on the 706 under CI-V than it does on my IC-7200 using the built-in USB/CI-V/CAT port on the 7200, but have not had time to fully explore the CI-V commands and functions on the 706.

I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI (part no. RPC-I17-U).

Note: the 706 I'm using it on is an "original" IC-706, and I have not tried it with my IC-706MKII, but as the CI-V addresses are the same, it should work with the MKII also.

If you've used all these different cables and the same computer with no luck, have you tried a different computer, and/or double-checked the CI-V address you're using?

HTH.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 09 Feb 2013 06:45:48 AM EST
From: "mike6deepeejay" pauljones20@... <mailto:pauljones20%40msn.com> >
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Subject: [ic706] cat control

> Hi is there any reason why i cant cat control my 706 mk1 i have tried
> loads
of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
>
>

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20328. Re: cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 11:42:07 UTC
From: gw0div@btinternet.com
Topic: 20321  Message: 20328

In a word "yes" - without doing some fault finding we could only guess at what, or indeed if anything is damaged in the radio. Could be the radio settings, could just need a reset??

Rhys

GW0DIV

--- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
>
> Its seems people are missing the point here no cable will work is there a chip diode anything that can cause this problem is there something nternal that has failed???
>
> --- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
> >
> > Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
> >
>

# 20329. Re: [ic706] Re: cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 14:50:37 UTC
From: LARRY J. FORD
Topic: 20321  Message: 20329

How many "cables" or "leads" have you tried? What types, brands, etc., have you tried.

It's possible the CI-V jack/port on the back of the rig is defective or damaged.

If you have a friend with a 706 of the exact same model as yours who has a CI-V cable that is known to work, borrow that, and if it doesn't work, there may well be an internal problem.

I believe I have read that it is not unusual for CI-V cables that terminate in USB plugs to have bad chip sets for the serial to USB conversion.

And, not intending to be insulting, but you are plugging the rig-end plug (1/8" mono plug) into the correct jack/port on the back, right? The CI-V ("Remote") jack sits immediately next to the RTTY jack and look similar.

Where are you located?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 10 Feb 2013 06:31:48 PM EST
From: "mike6deepeejay" <pauljones20@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: cat control

> Its seems people are missing the point here no cable will work is there a chip diode anything that can cause this problem is there something nternal that has failed???
>
> --- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
> >
> > Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
> >
>
>
>

# 20330. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 15:10:08 UTC
From: LARRY J. FORD
Topic: 20321  Message: 20330

I think the point was whether those three functions (i.e., " duplex, PL tone and S meter") are implemented in CI-V commands, so that they can be controlled "remotely," such as through Ham Radio Deluxe or other "rig control" software.

Those functions are, of course, implemented and available directly from the manual controls on the 706 itself.

As I noted originally, the IC-7200 allows every function and command I've tested so far (but not necessarily all) to be controlled through the USB port on the rig (which also implements CI-V control) and thus available for computer control in HRD. On the other hand, HRD can control only the most basic functions on the 706 from what I've tested so far.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 10 Feb 2013 10:48:35 PM EST
From: "Ronnie King" rking<148@...>
To: <ic706@yahoogroups.com>
Subject: RE: [ic706] cat control

> My 706 has all 3 of these functions.
>
>
>
> --------------------
>
> Ronnie King
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Tony
> Sent: Sunday, February 10, 2013 2:32 PM
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] cat control
>
>
>
>
>
>
> A lot of the functions are not programmed into the IC706. I don't remember
> the list but duplex, PL tone and S meter are a few not implemented.
>
> Tony

>
>
> -----Original Message-----
> From: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> [mailto:ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com> ] On Behalf
> Of
> LARRY J. FORD
> Sent: Saturday, February 09, 2013 9:41 AM
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] cat control
>
> Nope; I just bought a $27.00 (USD) CI-V/USB cable with FTDI chipset that
> works just fine with my IC-706 and HRD/DM-780, etc., for keying the rig,
> changing frequencies, and other basic functions.
>
> I do note that HRD controls fewer rig functions on the 706 under CI-V than
> it does on my IC-7200 using the built-in USB/CI-V/CAT port on the 7200, but
> have not had time to fully explore the CI-V commands and functions on the
> 706.
>
> I bought it off Amazon from Valley Enterprises, labeled ICOM USB CT-17 FTDI
> (part no. RPC-I17-U).
>
> Note: the 706 I'm using it on is an "original" IC-706, and I have not tried
> it with my IC-706MKII, but as the CI-V addresses are the same, it should
> work with the MKII also.
>
> If you've used all these different cables and the same computer with no
> luck, have you tried a different computer, and/or double-checked the CI-V
> address you're using?
>
> HTH.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Sat, 09 Feb 2013 06:45:48 AM EST
> From: "mike6deepeejay" pauljones20@... <mailto:pauljones20%40msn.com> >
> To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> Subject: [ic706] cat control
>
> > Hi is there any reason why i cant cat control my 706 mk1 i have tried
> > loads
> of software loads of cables infact i have spent somewhere around £50 in
> leads alone its really p***in me off now
> >
> >
>

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20331. RE: [ic706] Re: cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 15:13:57 UTC
From: n3ji
Topic: 20321  Message: 20331

I remember popping a component in the rig that kept the C-IV from working. I'd have to dig pretty deep to try & remember what it was though. It happened years ago when I was running a non-resonant band on a dipole & got a bunch of RF in the shack.

Joe, N3JI

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: gw0div@...
Date: 02/11/2013 05:42 (GMT-06:00)
To: ic706@yahoogroups.com
Subject: [ic706] Re: cat control

In a word "yes" - without doing some fault finding we could only guess at what, or indeed if anything is damaged in the radio. Could be the radio settings, could just need a reset??

Rhys

GW0DIV

--- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
>
> Its seems people are missing the point here no cable will work is there a chip diode anything that can cause this problem is there something nternal that has failed???
>
> --- In ic706@yahoogroups.com, "mike6deepeejay" wrote:
> >
> > Hi is there any reason why i cant cat control my 706 mk1 i have tried loads of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
> >
>

[Non-text portions of this message have been removed]

# 20332. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 15:24:22 UTC
From: Ralph Mowery
Topic: 20321  Message: 20332

While the 706 has many functions, many of them are not put on the CI-V buss.  It is bad to try and save the memories and only get part of the information.  Then when you load it back in the 706, you have to go back and manually enter most of the information so you can work the repeaters.  I was thinking the s-meter was on the buss, but it has been so long ago that I tried it, I may be mistaken.

Also programs such as HRD will not be able to access all the functions in the 706.  The 706MKII is not any beter than the origional 706.  This is not just HRD, but all programs.

--- On Mon, 2/11/13, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@...>
Subject: RE: [ic706] cat control
To: ic706@yahoogroups.com
Date: Monday, February 11, 2013, 10:10 AM

I think the point was whether those three functions (i.e., " duplex, PL tone and S meter") are implemented in CI-V commands, so that they can be controlled "remotely," such as through Ham Radio Deluxe or other "rig control" software.

Those functions are, of course, implemented and available directly from the manual controls on the 706 itself.

As I noted originally, the IC-7200 allows every function and command I've tested so far (but not necessarily all) to be controlled through the USB port on the rig (which also implements CI-V control) and thus available for computer control in HRD.  On the other hand, HRD can control only the most basic functions on the 706 from what I've tested so far.

Larry J. Ford
KG4GPJ

[Non-text portions of this message have been removed]

# 20333. RE: [ic706] cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 15:29:52 UTC
From: LARRY J. FORD
Topic: 20321  Message: 20333

Well, yes, everything you say is obviously true to my knowledge.

I think that was the point.

The 706 in the shack is merely a "back-up" to the IC-7200; my IC-706MKII is mobile, and I'm not really concerned about rig control while mobile.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 11 Feb 2013 10:24:38 AM EST
From: Ralph Mowery <ku4pt@...>
To: ic706@yahoogroups.com
Subject: RE: [ic706] cat control

> While the 706 has many functions, many of them are not put on the CI-V buss.  It is bad to try and save the memories and only get part of the information.  Then when you load it back in the 706, you have to go back and manually enter most of the information so you can work the repeaters.  I was thinking the s-meter was on the buss, but it has been so long ago that I tried it, I may be mistaken.
>
> Also programs such as HRD will not be able to access all the functions in the 706.  The 706MKII is not any beter than the origional 706.  This is not just HRD, but all programs.
>
>
>
>
> --- On Mon, 2/11/13, LARRY J. FORD <lford@...> wrote:
>
>
> From: LARRY J. FORD <lford@...>
> Subject: RE: [ic706] cat control
> To: ic706@yahoogroups.com
> Date: Monday, February 11, 2013, 10:10 AM
>
>
> I think the point was whether those three functions (i.e., " duplex, PL tone
> and S meter") are implemented in CI-V commands, so that they can be controlled
> "remotely," such as through Ham Radio Deluxe or other "rig control" software.
>

> Those functions are, of course, implemented and available directly from the
> manual controls on the 706 itself.
>
> As I noted originally, the IC-7200 allows every function and command I've
> tested so far (but not necessarily all) to be controlled through the USB
port
> on the rig (which also implements CI-V control) and thus available for
> computer control in HRD.  On the other hand, HRD can control only the most
> basic functions on the 706 from what I've tested so far.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20334. CAT Control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 16:12:36 UTC
From: R. Blackman
Topic: 20334  Message: 20334

not to belabour the points:

1) ensure that your computer software has the correct com port set.
2) often plugging a usb converter into a different usb socket changes the com port used
3) make sure the correct radio is selected in the software. 706, 706MKII and 706MKIIG all differ.
4) check your software to make sure the correct CI-V address and Baud rate is selected for your radio ( see point 3) also CTS is off
5) make sure you have plugged the 1/8 plug into the correct jack on the rear of the radio
6) go into the setup menu of the radio and make sure the correct baud rate and CI-V address is set. See owners manual.
7) if you have access to an oscilloscope, test the 1/8" phono plug from the serial converter to see if you have data spikes while trying to connect to the radio.
8) test each component at a fellow ham's shack if they have a known working system.

hope this sums it up.

Richard VA3NDO

----- Original Message ------
Received: Sat, 09 Feb 2013 06:45:48 AM EST
From: "mike6deepeejay" pauljones20@...>
To: ic706@yahoogroups.com
Subject: [ic706] cat control

> Hi is there any reason why i cant cat control my 706 mk1 i have tried
> loads
of software loads of cables infact i have spent somewhere around £50 in leads alone its really p***in me off now
>
>

# 20335. Cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-11 17:01:33 UTC
From: R. Blackman
Topic: 20335  Message: 20335

one more point to consider:

in order to set the correct com port in your software,
you need to know which com port your usb converter is emulating.

for example, in Windows XP, go to: control panel / system / hardware /
device manager / ports ( com and LPT) to see which com port your usb
device is on.

now you know the correct com port to select in your software ----> very
important.

Richard VA3NDO

# 20336. WTB: Ic-706 series rig

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 02:44:41 UTC
From: John G.
Topic: 20336  Message: 20336

I am looking for an Icom 706 series (any model) to use while my main one is off getting some service done. Let me know if you have an extra one for sale, Let me know the price shipped to Lawton, OK. I prefer to pay with paypal.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20337. IC 706MKIIG Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 03:45:33 UTC
From: Rod
Topic: 20337  Message: 20337

Hello to the List. I have an IC 706MKIIG with the volume and 's' signal that fades and the power is almost gone - 2 to 5 watts out on LSB. I key the mic and it came back to normal once. Then it did it again and keying the mic did not work. Pushing the band switch and coming back to the original band worked. Now it works just fine. I checked all coax fittings first, all were tight. I unplugged the mic a couple of times with no change. I removed the face and replaced it, no change. Now changing the bands does not work.

Has anyone else had this problem? What did you do to fix it?

This radio is used in my shack and in my RV once a year during vacations.

Thank you ahead.
Rod kc7vqr

# 20338. Ic-706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 03:37:59 UTC
From: Wayne Cox
Topic: 20336  Message: 20338

to john af5cc

from wayne n64gv

hi john i have a ic-mkII for sale i got it form a estate sale- it looks good , looks like it was installed
for mobile use.
i have tested it for rx only and never got that far in to it
love to find it a good home

thanks wayne
n6fgv
comm101@yahoo.com

From: John G. <af5cc@...>
To: ic706@yahoogroups.com
Sent: Monday, February 11, 2013 6:44 PM
Subject: [ic706] WTB: Ic-706 series rig

I am looking for an Icom 706 series (any model) to use while my main one is off getting some service done. Let me know if you have an extra one for sale, Let me know the price shipped to Lawton, OK. I prefer to pay with paypal.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20339. Cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 14:20:55 UTC
From: K&R Yoksh
Topic: 20335  Message: 20339

There is also a test for the ci-v port. If I'm not mistaken, you short the ci-v line to ground and then power up the radio?

There should be a message displayed to let you know if the ci-v line makes it all the way to the CPU.

If it doesn't, you know there is a hardware issue.

I'd research this test and try it... That rules out bad EBay ci-v cables, USB, etc.

73

Kyle
K0KN
Olathe, KS

[Non-text portions of this message have been removed]

# 20340. Re: [ic706] WTB: Ic-706 series rig

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 18:50:22 UTC
From: K4GM-George
Topic: 20336  Message: 20340

I have the IC-706 MKII for sale for $500 plus shipping . The unit works fine and is in good cosmetic condition. PayPal is fine. Also have a lot of accessories if you are interested.

73, George K4GM

On 2/11/2013 9:44 PM, John G. wrote:
>
> I am looking for an Icom 706 series (any model) to use while my main
> one is off getting some service done. Let me know if you have an extra
> one for sale, Let me know the price shipped to Lawton, OK. I prefer to
> pay with paypal.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20341. Re: [ic706] IC706 MKII non G no 2m TX on SSB FM and others fine.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-12 19:12:24 UTC
From: K4GM-George
Topic: 20313  Message: 20341

Have you tried adjusting the VCO?? I did that and solved my problem.

George K4GM

On 1/31/2013 5:32 AM, ZL1SWW wrote:
>
> Hi all,
> I have a 706 MKII that has a wierd fault on 2m in that the unit will
> TX on SSB for a short time like 10 seconds and then will not show
> output after that. FM works fine on 2m and other bands OK.
>
> RTTY works on 2m as well just SSB faulty. While faulty, the power
> meter still reads as normal.
>
> Starting to suspect the ALC line (vfor line) maybe affecting it. The
> Vfor and for lines are joined at some point.
>
> Any ideas or anyone seen this fault?
>
> Cheers & thanks,
>
> Simon
> ZL1SWW
>
>

[Non-text portions of this message have been removed]

# 20342. Re: Cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-13 13:03:27 UTC
From: aceblaggard
Topic: 20335  Message: 20342

The OP obviously doesn't have the patience to wait for a post giving a possible cause as he unsubbed from the group last night. Presume he'll now have to programme in the CB channels the hard way.

FWIW this was a fault with my previous 706G and diagnosed using Kyles method.

Paul
List Owner.

--- In ic706@yahoogroups.com, "K&R Yoksh" wrote:
>
> There is also a test for the ci-v port. If I'm not mistaken, you short the
> ci-v line to ground and then power up the radio?
>
> There should be a message displayed to let you know if the ci-v line makes
> it all the way to the CPU.
>
> If it doesn't, you know there is a hardware issue.
>
> I'd research this test and try it... That rules out bad EBay ci-v cables,
> USB, etc.
>
> 73
>
> Kyle
> K0KN
> Olathe, KS

# 20343. Re: [ic706] Re: Cat control

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-13 15:00:15 UTC
From: LARRY J. FORD
Topic: 20335  Message: 20343

Ha! That explains a lot!

He acted like he had spent a ton of money on "cables" and "leads" but not all that much more than I spent on one, good quality CI-V to USB cable with a good chipset that actually works!

I noted the guy didn't post a callsign. Perhaps that should be a requirement of listserve membership/posting privileges?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 13 Feb 2013 08:03:42 AM EST
From: "aceblaggard" <yahoolists@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Cat control

> The OP obviously doesn't have the patience to wait for a post giving a possible cause as he unsubbed from the group last night. Presume he'll now have to programme in the CB channels the hard way.
>
> FWIW this was a fault with my previous 706G and diagnosed using Kyles method.
>
> Paul
> List Owner.
>
>
>
> --- In ic706@yahoogroups.com, "K&R Yoksh" wrote:
> >
> > There is also a test for the ci-v port. If I'm not mistaken, you short the
> > ci-v line to ground and then power up the radio?
> >
> > There should be a message displayed to let you know if the ci-v line makes
> > it all the way to the CPU.
> >
> > If it doesn't, you know there is a hardware issue.
> >
> > I'd research this test and try it... That rules out bad EBay ci-v cables,
> > USB, etc.
> >
> > 73

> >
> > Kyle
> > K0KN
> > Olathe, KS
>
>

# 20344. 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 04:16:38 UTC
From: radiow4ron
Topic: 20344  Message: 20344

Hello to the group, I'm a new member, I use a 706 as the main
HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
my AM station consist of a Viking 2 and National NC-183D and Hammurlund
HQ-129X receivers.
My other main hobby is collecting antique radios and vacuum tubes.
You can visit my museum web page at; http://radioheaven.homestead.com/

I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.

Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
Is this normal? Is there any way to make it scan faster?

73, Ron w4ron

# 20345. Re: [ic706] 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 05:38:49 UTC
From: Mike Rodgers
Topic: 20344  Message: 20345

No AM filter. Never heard that complint.

The only way to scan faster is to use squelch.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 17, 2013, at 10:16 PM, "radiow4ron" <W4RON@...> wrote:

> Hello to the group, I'm a new member, I use a 706 as the main
> HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
> my AM station consist of a Viking 2 and National NC-183D and Hammurlund
> HQ-129X receivers.
> My other main hobby is collecting antique radios and vacuum tubes.
> You can visit my museum web page at; http://radioheaven.homestead.com/
>
> I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.
>
> Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
> I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
> Is this normal? Is there any way to make it scan faster?
>
> 73, Ron w4ron
>
>

[Non-text portions of this message have been removed]

# 20346. Re: IC706 MKII non G no 2m TX on SSB FM and others fine.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 07:04:04 UTC
From: ZL1SWW
Topic: 20313  Message: 20346

Hi,

No I haven't It is working ok on all bands bar 2m. I will have alook into it.

Thanks.

--- In ic706@yahoogroups.com, K4GM-George <k4gm@...> wrote:
>
> Have you tried adjusting the VCO?? I did that and solved my problem.
>
> George K4GM
>
>
> On 1/31/2013 5:32 AM, ZL1SWW wrote:
> >
> > Hi all,
> > I have a 706 MKII that has a wierd fault on 2m in that the unit will
> > TX on SSB for a short time like 10 seconds and then will not show
> > output after that. FM works fine on 2m and other bands OK.
> >
> > RTTY works on 2m as well just SSB faulty. While faulty, the power
> > meter still reads as normal.
> >
> > Starting to suspect the ALC line (vfor line) maybe affecting it. The
> > Vfor and for lines are joined at some point.
> >
> > Any ideas or anyone seen this fault?
> >
> > Cheers & thanks,
> >
> > Simon
> > ZL1SWW
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

# 20347. RE: EXTERNAL: Re: [ic706] 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 14:20:16 UTC
From: Lefczik, Larry D
Topic: 20344  Message: 20347

To elaborate on this response:
The function of the RF Gain knob can be change to be a squelch control for SSB operation. With the squelch closed, you will have normal scanning, just like FM. What you are experiencing now is the 706 scan circuit sensing a signal since the squelch is open and stopping on each channel for 10 seconds and moving on.

I never found scanning in SSB mode real effective, but give it a try.

-NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Monday, February 18, 2013 12:39 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] 706 scan speed

No AM filter. Never heard that complint.

The only way to scan faster is to use squelch.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 17, 2013, at 10:16 PM, "radiow4ron" <W4RON@carolina.rr.com> wrote:

> Hello to the group, I'm a new member, I use a 706 as the main
> HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
> my AM station consist of a Viking 2 and National NC-183D and Hammurlund
> HQ-129X receivers.
> My other main hobby is collecting antique radios and vacuum tubes.
> You can visit my museum web page at; http://radioheaven.homestead.com/
>
> I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.
>
> Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
> I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
> Is this normal? Is there any way to make it scan faster?

>
> 73, Ron w4ron
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20348. Re: [ic706] 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 14:38:45 UTC
From: John G.
Topic: 20344  Message: 20348

In terms of AM filters Icom does make the FL102 which is a 6khz AM filter for the mhz IF. It isn't listed as an accessory for the 706 series, but it should fit. You can see all of the different filters at:

http://www.ab4oj.com/icom/filters/list.html

73 John AF5CC

----- Original Message -----
From: radiow4ron
To: ic706@yahoogroups.com
Sent: Monday, February 18, 2013 4:16 AM
Subject: [ic706] 706 scan speed

Hello to the group, I'm a new member, I use a 706 as the main
HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
my AM station consist of a Viking 2 and National NC-183D and Hammurlund
HQ-129X receivers.
My other main hobby is collecting antique radios and vacuum tubes.
You can visit my museum web page at; http://radioheaven.homestead.com/

I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.

Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
Is this normal? Is there any way to make it scan faster?

73, Ron w4ron

[Non-text portions of this message have been removed]

# 20349. RE: EXTERNAL: Re: [ic706] 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 15:24:29 UTC
From: LARRY J. FORD
Topic: 20344  Message: 20349

I think the original poster indicated he wanted to monitor the "HF aero" bands and had programmed certain frequencies from those bands.

For the life of me, I can't remember whether the HF aeronautical bands use SSB or AM mode. I know for a fact that the VHF bands for CONUS aviation operations are AM mode.

Once out of range of VHF on "over-the-water" or off-shore flights (e.g., transoceanic), aircraft are required to use HF frequencies to stay in contact with ATC.

I don't know if the scanning features of the 706 are different for AM mode vs. SSB mode.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 18 Feb 2013 09:21:05 AM EST
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: RE: EXTERNAL: Re: [ic706] 706 scan speed

> To elaborate on this response:
> The function of the RF Gain knob can be change to be a squelch control for SSB operation. With the squelch closed, you will have normal scanning, just like FM. What you are experiencing now is the 706 scan circuit sensing a signal since the squelch is open and stopping on each channel for 10 seconds and moving on.
>
> I never found scanning in SSB mode real effective, but give it a try.
>
> -NJ2L
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
> Sent: Monday, February 18, 2013 12:39 AM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] 706 scan speed
>
> No AM filter. Never heard that complint.
>
> The only way to scan faster is to use squelch.
>
> 73

> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Feb 17, 2013, at 10:16 PM, "radiow4ron" <W4RON@...> wrote:
>
> > Hello to the group, I'm a new member, I use a 706 as the main
> > HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
> > my AM station consist of a Viking 2 and National NC-183D and Hammurlund
> > HQ-129X receivers.
> > My other main hobby is collecting antique radios and vacuum tubes.
> > You can visit my museum web page at; http://radioheaven.homestead.com/
> >
> > I have 2 questions about the 706, first is there an AM filter available
for it? I've asked around and no one seems to know anything about one. I'd
like to use it for AM operation but in AM mode the front end is so wide open I
can hear sidebanders 10kc on either side of where I'm tuned.
> >
> > Second, I'm also interested in monitoring the HF areo bands and have
programed about 50 frequencies in to scan but the scan rate is SO SLOW.
> > I've got it set to the highest speed but it still takes about 10 seconds
on each memory location before it moves on to the next.
> > Is this normal? Is there any way to make it scan faster?
> >
> > 73, Ron w4ron
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20350. Audio feedback when transmitting

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 15:14:46 UTC
From: aa8p_ralph
Topic: 19055  Message: 20350

Hello All, I am new to the group and have a recently purchased a IC-706MK11 that has a problem. I get audio feedback thru the speaker when transmitting. I did a search here and found a previoue post about this problem and sent a email but have gotten no reply. I would appreciate any help in resolving this problem.
Thanks in advance,
Ralph AA8P

# 20351. Re: [ic706] 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 16:59:34 UTC
From: Joe
Topic: 20344  Message: 20351

Ron,
If you have the Original 706, it does very well on AM. I used one with an amp running about 300-350W carrier as fully modulated as it would go (about 90% I believe) and sounded good on the air with true double-sideband AM (as opposed to some rigs that ran single sideband with a carrier). I assume you have tried AM-N with the FIL softkey, right? It will use the SSB filter for RX (2.4k). However, that was a bit TOO narrow for me, so I installed the 2.8k which really was closer to 3k by my measurements. It was EXCELLENT for getting rid of the adjacent user trash.

Joe, N3JI

Sent from my Verizon Wireless 4G LTE Tablet

-------- Original message --------
From: "John G." <af5cc@...>
Date: 02/18/2013 9:38 AM (GMT-05:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 scan speed

In terms of AM filters Icom does make the FL102 which is a 6khz AM filter for the mhz IF. It isn't listed as an accessory for the 706 series, but it should fit. You can see all of the different filters at:

http://www.ab4oj.com/icom/filters/list.html

73 John AF5CC

----- Original Message -----
From: radiow4ron
To: ic706@yahoogroups.com
Sent: Monday, February 18, 2013 4:16 AM
Subject: [ic706] 706 scan speed

Hello to the group, I'm a new member, I use a 706 as the main
HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
my AM station consist of a Viking 2 and National NC-183D and Hammurlund
HQ-129X receivers.
My other main hobby is collecting antique radios and vacuum tubes.
You can visit my museum web page at; http://radioheaven.homestead.com/

I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.

Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.

I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
Is this normal? Is there any way to make it scan faster?

73, Ron w4ron

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20352. Re: 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 19:25:04 UTC
From: radiow4ron
Topic: 20344  Message: 20352

The FL-102 is listed as a wide filter, is it going to help
keep out the sideband trash on either side of the AM freq?

Ron w4ron

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> In terms of AM filters Icom does make the FL102 which is a 6khz AM filter for the mhz IF. It isn't listed as an accessory for the 706 series, but it should fit. You can see all of the different filters at:
>
> http://www.ab4oj.com/icom/filters/list.html
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: radiow4ron
> To: ic706@yahoogroups.com
> Sent: Monday, February 18, 2013 4:16 AM
> Subject: [ic706] 706 scan speed
>
>
>
> Hello to the group, I'm a new member, I use a 706 as the main
> HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
> my AM station consist of a Viking 2 and National NC-183D and Hammurlund
> HQ-129X receivers.
> My other main hobby is collecting antique radios and vacuum tubes.
> You can visit my museum web page at; http://radioheaven.homestead.com/
>
> I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.
>
> Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
> I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
> Is this normal? Is there any way to make it scan faster?
>
> 73, Ron w4ron
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

# 20353. RE: [ic706] Re: 706 scan speed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-18 19:42:45 UTC
From: n3ji
Topic: 20344  Message: 20353

Honestly, I don't think that one is compatible unless some unusual mods are done to make it work in the AM slot. The AM filter that's there is a single crystal can, so the edges aren't sharp at all, which is why it sounds broad as a barn door.

Joe, N3JI

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: radiow4ron <W4RON@....com>
Date: 02/18/2013 14:25 (GMT-05:00)
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706 scan speed

The FL-102 is listed as a wide filter, is it going to help
keep out the sideband trash on either side of the AM freq?

Ron w4ron

--- In ic706@yahoogroups.com, "John G." wrote:
>
> In terms of AM filters Icom does make the FL102 which is a 6khz AM filter for the mhz IF. It isn't listed as an accessory for the 706 series, but it should fit. You can see all of the different filters at:
>
> http://www.ab4oj.com/icom/filters/list.html
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: radiow4ron
> To: ic706@yahoogroups.com
> Sent: Monday, February 18, 2013 4:16 AM
> Subject: [ic706] 706 scan speed
>
>
>
> Hello to the group, I'm a new member, I use a 706 as the main
> HF rig in my amateur station, I also have a vintage Kenwood TS-520s,
> my AM station consist of a Viking 2 and National NC-183D and Hammurlund
> HQ-129X receivers.
> My other main hobby is collecting antique radios and vacuum tubes.
> You can visit my museum web page at; http://radioheaven.homestead.com/
>
> I have 2 questions about the 706, first is there an AM filter available for it? I've asked around and no one seems to know anything about one. I'd like to use it for AM

operation but in AM mode the front end is so wide open I can hear sidebanders 10kc on either side of where I'm tuned.
>
> Second, I'm also interested in monitoring the HF areo bands and have programed about 50 frequencies in to scan but the scan rate is SO SLOW.
> I've got it set to the highest speed but it still takes about 10 seconds on each memory location before it moves on to the next.
> Is this normal? Is there any way to make it scan faster?
>
> 73, Ron w4ron
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20354. FS: Icom 706 box

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-19 22:18:04 UTC
From: John G.
Topic: 20354  Message: 20354

I have for sale the box, with inserts for an Icom 706 original. Will also work with the MKII and MKIIG models. Make an offer including shipping and I am sure we can work out a deal.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20355. tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-20 18:33:04 UTC
From: <W4RON@...>
Topic: 20355  Message: 20355

I have an old style screwdriver antenna, the big one with alum. finish.
I'd looking for a tuner that'll drive this antenna using my IC-706.
Any one know exactly what tuner I need for this setup?

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20356. RE: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-20 18:46:13 UTC
From: barry whittemore
Topic: 20355  Message: 20356

The screwdriver will tune to reasonance anywhere from 80-6 metrs with the right stinger. The issue is the feedpoint resistance. it will tend to be low. When i was using one i used the "dollar special" from an arrl handbook many years ago. its just a coil made with 10 or 12 gauge solid wire with a clip lead to adjust for 50 ohms. The coil goes from feed point to ground. Tune antenna to reasonance then adjust coil for best SWR.
Once its all figured out its quick. you can have clip points per band and just clip on for band change and then adjust antenna for best SWR and you should be at resonance.
Barry
NF1O

It works for any mobile antenna.

To: ic706@yahoogroups.com
From: W4RON@...
Date: Wed, 20 Feb 2013 13:33:04 -0500
Subject: [ic706] tuner for screwdriver ant.

I have an old style screwdriver antenna, the big one with alum. finish.
I'd looking for a tuner that'll drive this antenna using my IC-706.
Any one know exactly what tuner I need for this setup?

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

[Non-text portions of this message have been removed]

# 20357. Re: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 00:10:24 UTC
From: Mike Rodgers
Topic: 20355  Message: 20357

You may be referring to a "turbo tuner", I'm not sure if they are made anymore.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 20, 2013, at 12:33 PM, <W4RON@carolina.rr.com> wrote:

> I have an old style screwdriver antenna, the big one with alum. finish.
> I'd looking for a tuner that'll drive this antenna using my IC-706.
> Any one know exactly what tuner I need for this setup?
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>

[Non-text portions of this message have been removed]

# 20358. Re: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-20 18:56:31 UTC
From: Ron Bean
Topic: 20355  Message: 20358

Why would you need any tuner at all? If the screwdriver is set correctly
for a given band you should have a 1:1 (or very close to it) match.

Ron - KJ5XX

Sent from my HTC Evo 4g
On Feb 20, 2013 12:33 PM, <W4RON@....com> wrote:

> **
>
>
> I have an old style screwdriver antenna, the big one with alum. finish.
> I'd looking for a tuner that'll drive this antenna using my IC-706.
> Any one know exactly what tuner I need for this setup?
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>
>

[Non-text portions of this message have been removed]

# 20359. Re: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 02:41:50 UTC
From: Ralph Mowery
Topic: 20355  Message: 20359

I am thinking he ment an automatic tuner (really a controler that drives the motor to lowest swr)  such as this.

MFJ-1926

www.gigaparts.com/store.php?action=profile&sku=ZMF-1926&gclid=CNSIwaevxrUCFQPnnAodAh8AFg

--- On Wed, 2/20/13, Ron Bean <kj5xx@...> wrote:

From: Ron Bean <kj5xx@...>
Subject: Re: [ic706] tuner for screwdriver ant.
To: ic706@yahoogroups.com
Date: Wednesday, February 20, 2013, 1:56 PM

Why would you need any tuner at all?  If the screwdriver is set correctly
for a given band you should have a 1:1 (or very close to it) match.

Ron - KJ5XX

Sent from my HTC Evo 4g
On Feb 20, 2013 12:33 PM, <W4RON@carolina.rr.com> wrote:

> **
>
>
> I have an old style screwdriver antenna, the big one with alum. finish.
> I'd looking for a tuner that'll drive this antenna using my IC-706.
> Any one know exactly what tuner I need for this setup?
>
>

[Non-text portions of this message have been removed]

# 20360. Re: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 02:49:03 UTC
From: Keith Heimbold
Topic: 20355  Message: 20360

I had a turbo tuner that I sent to Bill who owns the company for a modification and he never sent it back. Try as I may he won't respond to phone calls or emails. I bought it at HRO and they told me they don't supply them anymore. So I am out $200 and have no recourse.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Feb 20, 2013, at 6:41 PM, "Ralph Mowery" <ku4pt@...> wrote:

> I am thinking he ment an automatic tuner (really a controler that drives the motor to lowest swr) such as this.
>
> MFJ-1926
>
>
> www.gigaparts.com/store.php?action=profile&sku=ZMF-1926&gclid=CNSIwaevxrUCFQPnnAodAh8AFg
>
>
> --- On Wed, 2/20/13, Ron Bean kj5xx@...> wrote:
>
> From: Ron Bean kj5xx@...>
> Subject: Re: [ic706] tuner for screwdriver ant.
> To: ic706@yahoogroups.com
> Date: Wednesday, February 20, 2013, 1:56 PM
>
> Why would you need any tuner at all? If the screwdriver is set correctly
> for a given band you should have a 1:1 (or very close to it) match.
>
> Ron - KJ5XX
>
> Sent from my HTC Evo 4g
> On Feb 20, 2013 12:33 PM, W4RON@...> wrote:
>
> > **
> >
> >
> > I have an old style screwdriver antenna, the big one with alum. finish.
> > I'd looking for a tuner that'll drive this antenna using my IC-706.
> > Any one know exactly what tuner I need for this setup?
> >
> >
>
> [Non-text portions of this message have been removed]
>

>

[Non-text portions of this message have been removed]

# 20361. Re: [ic706] tuner for screwdriver ant.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-20 22:21:51 UTC
From: Al Waschka
Topic: 20355  Message: 20361

I believe that both manufacturers of the automatic tuners have discontinued them. One was called the TurboTuner. I don't recall the other but a little googling for screwdriver antenna tuner should turn them up and maybe you can find one on eBay. There is a simple design that will connect to the antenna motor drive lines and put the 706 in tune mode. That dramatically simplifies the tuning process, but you still have to watch the swr meter and stop at the dip. If your antenna has the turns counter switches built in or you are capable of adding them there are several tuners (MFJ, tar heel, and others) that will send the antenna to a particular preset point without operator supervision but you still have to fine tune it for minimum swr.

Al K5TAN

On Feb 20, 2013, at 1:33 PM, <W4RON@...> wrote:

> I have an old style screwdriver antenna, the big one with alum. finish.
> I'd looking for a tuner that'll drive this antenna using my IC-706.
> Any one know exactly what tuner I need for this setup?
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>

[Non-text portions of this message have been removed]

# 20362. BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 11:46:25 UTC
From: jb8744
Topic: 20362  Message: 20362

Hi.

Bar meter in function display, set for power, how do you know what the relative output power is,ie when you tx and 3 bars are shown how many watts does that reading represent.i did notice on the bottom of the display was po number 5 and number 10. reason for asking, i am using the wonder wand antenna system and the max power is 10watts, apologies if i am missing something simple.
Any help very much appreciated

Regards 73 John

# 20363. Re: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 14:11:42 UTC
From: Ralph Mowery
Topic: 20362  Message: 20363

There is no exect ammount of power output per bar on the meter.  The power does not jump in steps (well, it might be very small steps) as you go from bar to bar when the knob is turned.  As the knob is turned, an external wattmeter will show a smooth increase and after a shot time, the next bar will appear.
I am sure your Icom will be slightly differant,but here is what I measured on mine.

Icom 706MKllG Power Output

Setting
     3.8 28.5 50.2 144.2 432 440 449  frequency

L   2 2 2 2 too low too low Not Checked
1   3 5 3 3 too low too low Not Checked
2   7 8 7 6 0.8 1 Not Checked
3   14 17 12 9 2 2 Not Checked
4   24 18 20 11 3.5 4 Not Checked
5   38 25 32 18 5.8 5 Not Checked
6   50 40 45 25 8 7 Not Checked
7   65 55 65 33 10 9 Not Checked
8   85 75 80 42 15 12 Not Checked
9   100 90 90 50 20 16 Not Checked
H   110 100 100 55 22 18 17

 Voltage 13.8 from Astron RS-50

From: jb8744 <jb8744@....uk>
Subject: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G
To: ic706@yahoogroups.com
Date: Thursday, February 21, 2013, 6:46 AM

Hi.

Bar meter in function display, set for power, how do you know what the relative output power is,ie when you tx and 3 bars are shown how many watts does that reading represent.i did notice on the bottom of the display was po number 5 and number 10. reason for asking, i am using the wonder wand antenna system and the max power is 10watts, apologies if i am missing something simple.
Any help very much appreciated

Regards 73 John

[Non-text portions of this message have been removed]

# 20364. Re: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 14:22:14 UTC
From: Mark Brueggemann
Topic: 20362  Message: 20364

--- On Thu, 2/21/13, jb8744 <jb8744@...> wrote:

> i am using the wonder wand antenna system and the max power is 10watts,

Good luck with that...

Mark K5LXP
Albuquerque, NM

# 20365. Re: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 14:45:56 UTC
From: LARRY J. FORD
Topic: 20362  Message: 20365

Personally, I would put a known, good peak-reading wattmeter (if reading SSB output) downstream of the rig and measure the indicated power vs. the rig's internal "bar" meter reading.

Half-scale would normally be 1/2 of rated power, I believe, but it does not always work out that way depending upon a number of factors.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 21 Feb 2013 08:55:05 AM EST
From: "jb8744" <jb8744@yahoo.co.uk>
To: ic706@yahoogroups.com
Subject: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

> Hi.
>
> Bar meter in function display, set for power, how do you know what the relative
> output power is,ie when you tx and 3 bars are shown how many watts does that
> reading represent.i did notice on the bottom of the display was po number 5 and
> number 10. reason for asking, i am using the wonder wand antenna system and the
> max power is 10watts, apologies if i am missing something simple.
> Any help very much appreciated
>
> Regards 73 John
>
>

# 20366. Re: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 14:53:38 UTC
From: Mark Brueggemann
Topic: 20362  Message: 20366

Mark K5LXP
Albuquerque, NM

--- On Thu, 2/21/13, Ralph Mowery <ku4pt@...> wrote:

> I am sure your Icom will be slightly differant,but here is
> what I measured on mine.

I've done the same type of measurements on my MkIIG and it's a bit different than what you show. If one really wants to know for sure they'll have to test their own unit.

Mark K5LXP
Albuquerque, NM

# 20367. Re: BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 15:43:55 UTC
From: jb8744
Topic: 20362  Message: 20367

Hi.
One message rather than reply individually, thank you to all members who have replied to my message, their input is very much appreciated
Regards 73 john m3ojb

--- In ic706@yahoogroups.com, "jb8744" <jb8744@...> wrote:
>
> Hi.
>
> Bar meter in function display, set for power, how do you know what the relative
> output power is,ie when you tx and 3 bars are shown how many watts does that
> reading represent.i did notice on the bottom of the display was po number 5 and
> number 10. reason for asking, i am using the wonder wand antenna system and the
> max power is 10watts, apologies if i am missing something simple.
> Any help very much appreciated
>
> Regards 73 John
>

# 20368. Re: BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 16:09:09 UTC
From: cax3nj
Topic: 20362  Message: 20368

Further to the Low Power display/output.
Is any one running this rig as QRP?
What is the DC Current draw at this level?
Will a 12V 7Ah battery be useful for this?

73
Stan N1ZX

--- In ic706@yahoogroups.com, "jb8744" <jb8744@...> wrote:
>
> Hi.
> One message rather than reply individually, thank you to all members who have replied to my message, their input is very much appreciated
> Regards 73 john m3ojb
>
> --- In ic706@yahoogroups.com, "jb8744" <jb8744@> wrote:
> >
> > Hi.
> >
> > Bar meter in function display, set for power, how do you know what the relative
> > output power is,ie when you tx and 3 bars are shown how many watts does that
> > reading represent.i did notice on the bottom of the display was po number 5 and
> > number 10. reason for asking, i am using the wonder wand antenna system and the
> > max power is 10watts, apologies if i am missing something simple.
> > Any help very much appreciated
> >
> > Regards 73 John
> >
>

# 20369. Re: [ic706] Re: 706 as QRP Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 16:22:19 UTC
From: LARRY J. FORD
Topic: 20369  Message: 20369

This has been discussed before and should be in the list serve archives.

Those who have tried running the rig as QRP with battery power have been sorely disappointed, including a ham friend of mine who tried it with a 12VDC 7 AH gel pack battery.

It draws way too much on receive, nearly 2 amps with the speaker volume turned-up.

Here's the specs from the manual:

"Current Drain
(at 13.8VDC)

Receive squelched 1.5 A
max audio 1.7 A"

Note, also, full power transmit current draw is 20 A; however, even that QRP power levels the 706 draws more current on TX than a rig specifically designed for QRP. In other words, although 5 watts QRP SSB may represent only 5 % of the full rated power output, it does not draw merely 5 % of 20A. There's not a linear relationship of power out to current draw.

It is not a QRP rig for battery operation in the field. When I deploy to the field with my 706 for use with an NVIS HF station in support of a 100-mile bike race through the mountains of North Georgia, I power it with a 75 AH marine battery.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 21 Feb 2013 11:09:18 AM EST
From: "cax3nj" <n1zx@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: BAR METER IN FUNCTION DISPLAY IC 705MK2G

> Further to the Low Power display/output.
> Is any one running this rig as QRP?
> What is the DC Current draw at this level?
> Will a 12V 7Ah battery be useful for this?
>
> 73
> Stan N1ZX
>
>
>

>
>
> --- In ic706@yahoogroups.com, "jb8744" <jb8744@...> wrote:
> >
> > Hi.
> > One message rather than reply individually, thank you to all members who
have replied to my message, their input is very much appreciated
> > Regards 73 john m3ojb
> >
> > --- In ic706@yahoogroups.com, "jb8744" <jb8744@> wrote:
> > >
> > > Hi.
> > >
> > > Bar meter in function display, set for power, how do you know what the
relative
> > > output power is,ie when you tx and 3 bars are shown how many watts does
that
> > > reading represent.i did notice on the bottom of the display was po
number 5 and
> > > number 10. reason for asking, i am using the wonder wand antenna system
and the
> > > max power is 10watts, apologies if i am missing something simple.
> > > Any help very much appreciated
> > >
> > > Regards 73 John
> > >
> >
>
>
>

# 20370. Re: [ic706] Re: BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 16:55:08 UTC
From: Mark Brueggemann
Topic: 20362  Message: 20370

--- On Thu, 2/21/13, cax3nj <n1zx@...> wrote:

> Is any one running this rig as QRP?

I often do.

> What is the DC Current draw at this level?

RX ~1.3A, TX @ 5W ~6A.

> Will a 12V 7Ah  battery be useful for this?

In a Field Day setting/duty cycle a 7Ah gel is good for about 2 hours. "Casual" operating would be a bit longer.

Mark K5LXP
Albuquerque, NM

# 20371. New MDSR Version 2.51 released ☐ includes AM, DRM (Dream) and FLDigi for digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 17:19:20 UTC
From: alexschwarz237
Topic: 20371  Message: 20371

Hi Everybody;

The MDSR group has released version 2.51 of the popular 12kHz IF modulator and demodulator software. The new software includes now AM (synchronous detector), DRM (Dream) and digital modes provided by FLDigi, which also includes a logging data base. This makes the MDSR the most versatile IF modulation and de-modulation package which can be used for free as long as it is used for amateur radio use.

Please download the latest MDSR software from this link, size: 12MBytes

http://www3.telus.net/public/bc237/MDSR/MDSR-Win32-SetupV2-51.exe

Installation, setup and tuning instructions can be found here:
http://www3.telus.net/public/bc237/MDSR/Overview%20Document%20How%20to%20build%2\
0and%20set%20up%20the%20LIF%20-%20MDSR.pdf

Please check out or Yahoo user group: http://groups.yahoo.com/group/mdsradio/

Or our website at: http://users.skynet.be/myspace/mdsr

All the best:

The MDSR Team

PS: comments are always welcome!

# 20372. IC-706 no output on 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-21 20:55:33 UTC
From: zl2kgw
Topic: 20372  Message: 20372

Good day all,

I have recently acquired an IC-706 (non MKII). From a quick glance I could see that the extended TX mod has been done.

I fired it up last night and although HF/6m is fine, there is no FM/SSB TX output on 2m. 2m RX is fine.

A reset was done and on 2m TX it draws 2.9A. The front panel bar graph shows no indication of power out in all modes and neither does the watt meter.

Searching through the forum did not yield the results that I was looking for and Google was not too much help either. Any help or suggestions on where to start troubleshooting would be much appreciated.

73,

Karl ZL2KGW

# 20373. RE: [ic706] IC-706 no output on 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-22 00:37:42 UTC
From: <bruce.clements@...>
Topic: 20372  Message: 20373

It sounds like the Final vhf device is pooched.. If you have a portable radio see if it is at least transmitting ..at 3amps draw it sounds like the final.

I've fixed my 706 mk2 non G and I was able to find a final out of a old VHF marine radio.

good luck

bruce
ve3bv

To: ic706@yahoogroups.com
From: zl2kgw@...
Date: Thu, 21 Feb 2013 20:55:33 +0000
Subject: [ic706] IC-706 no output on 2m

Good day all,

I have recently acquired an IC-706 (non MKII). From a quick glance I could see that the extended TX mod has been done.

I fired it up last night and although HF/6m is fine, there is no FM/SSB TX output on 2m. 2m RX is fine.

A reset was done and on 2m TX it draws 2.9A. The front panel bar graph shows no indication of power out in all modes and neither does the watt meter.

Searching through the forum did not yield the results that I was looking for and Google was not too much help either. Any help or suggestions on where to start troubleshooting would be much appreciated.

73,

Karl ZL2KGW

[Non-text portions of this message have been removed]

# 20374. Re: [ic706] BAR METER IN FUNCTION DISPLAY IC 705MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-22 07:02:37 UTC
From: Mike Rodgers
Topic: 20362  Message: 20374

10 watts will be pretty low on the scale.
Rtty should get you there.

I'll be home this afternoon if you'd like me to test.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Feb 21, 2013, at 5:46 AM, "jb8744" <jb8744@...> wrote:

> Hi.
>
> Bar meter in function display, set for power, how do you know what the relative
> output power is,ie when you tx and 3 bars are shown how many watts does that
> reading represent.i did notice on the bottom of the display was po number 5 and
> number 10. reason for asking, i am using the wonder wand antenna system and the
> max power is 10watts, apologies if i am missing something simple.
> Any help very much appreciated
>
> Regards 73 John
>
>

[Non-text portions of this message have been removed]

# 20375. Re: IC-706 no output on 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-22 06:42:24 UTC
From: zl2kgw
Topic: 20372  Message: 20375

Thanks Bruce.

The final is definitely toast and a new one has been ordered.

Karl

--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
>
>
> It sounds like the Final vhf device is pooched.. If you have a portable radio see if it is at least transmitting ..at 3amps draw it sounds like the final.
>
> I've fixed my 706 mk2 non G and I was able to find a final out of a old VHF marine radio.
>
> good luck
>
> bruce
> ve3bv
>
>
>
> To: ic706@yahoogroups.com
> From: zl2kgw@...
> Date: Thu, 21 Feb 2013 20:55:33 +0000
> Subject: [ic706] IC-706 no output on 2m
>
>
>
>
>
>
> Good day all,
>
> I have recently acquired an IC-706 (non MKII). From a quick glance I could see that the extended TX mod has been done.
>
> I fired it up last night and although HF/6m is fine, there is no FM/SSB TX output on 2m. 2m RX is fine.
>
> A reset was done and on 2m TX it draws 2.9A. The front panel bar graph shows no indication of power out in all modes and neither does the watt meter.
>
> Searching through the forum did not yield the results that I was looking for and Google was not too much help either. Any help or suggestions on where to start troubleshooting would be much appreciated.
>

> 73,
>
> Karl ZL2KGW
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20376. Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-27 17:54:56 UTC
From: Peter
Topic: 20376  Message: 20376

My beleagured 706mkIIg has come up with another weirdness:
there is a broadcast FM station about 1 mile from me, putting out 40KW.
On 144, almost from end to end, it clobbers my poor radio.
I can almost make out the content on FM, and when I switch to AM, it's even clearer!
Peculiarly, the broadcast station has NO impact whatsoever on either my Wouxun HT or my Yaesu FT-817ND on 144. Zilch.
I have been in touch with the chief engineer of the station, we have had some great chats -- he's also a ham, and that helps -- and he tells me that he's double-checked and his station's sig is clean.
What in the world could be going on in my poor ol' 706, and what might I do about it?

Thanks for any help,
Peter KO6R

# 20377. Re: [ic706] Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-27 18:10:14 UTC
From: Mark Brueggemann
Topic: 20376  Message: 20377

--- On Wed, 2/27/13, Peter <nanandpeter@...> wrote:

> there is a broadcast FM station about 1 mile from me,
> putting out 40KW. On 144, almost from end to end, it
> clobbers my poor radio.

Sounds like basic overload. Does it help if you enable the attenuator?

I had the same problem with a local TV channel 2, and operating 6M. I ended up making a stub filter to notch out the TV station and it made 6M useable. I've noted IM products on HF too, when connected to a "real" antenna. My 746Pro does not suffer the same issues on the same antennas, so it is just the way it is with a 706.

Mark K5LXP
Albuquerque, NM

# 20378. Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-28 17:14:51 UTC
From: Peter
Topic: 20376  Message: 20378

Thanks, and thanks to the gent who replied to me privately, whose privacy I will respect by not naming him here, and who suggested a stub filter, too.
I shall try that as soon as I can get to it, and report back my results.
(In the meantime, my friends and I have decided to use a 146 simplex freq instead of 144. Much much quieter there :-) )

Peter KO6R

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Wed, 2/27/13, Peter <nanandpeter@...> wrote:
>
> > there is a broadcast FM station about 1 mile from me,
> > putting out 40KW. On 144, almost from end to end, it
> > clobbers my poor radio.
>
> Sounds like basic overload. Does it help if you enable the attenuator?
>
> I had the same problem with a local TV channel 2, and operating 6M. I ended up making a stub filter to notch out the TV station and it made 6M useable. I've noted IM products on HF too, when connected to a "real" antenna. My 746Pro does not suffer the same issues on the same antennas, so it is just the way it is with a 706.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 20379. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-28 19:27:21 UTC
From: AG0N-3055
Topic: 20376  Message: 20379

On Thu, 28 Feb 2013 17:14:51 -0000, Peter wrote:

> Thanks, and thanks to the gent who replied to me privately, whose privacy I will respect by not naming him here, and who suggested a stub filter, too.

If you have a cavity that will tune 2m, I'd use that. Stubs are quite
broad. You can tune the cavity and get more rejection. I've used the
stub with success, but it is quite disappointing when you sweep it and
see what the bandwidth is.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20380. Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-28 20:26:19 UTC
From: Peter
Topic: 20376  Message: 20380

Stub filter, 1'8.75" long, does the trick! Amazing!
Thanks very very much to you and to the other fellow, whom I've acknowledged privately.

Great stuff! I'd never heard of a stub filter before.
Glad to know about it.

Peter KO6R

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Wed, 2/27/13, Peter <nanandpeter@...> wrote:
>
> > there is a broadcast FM station about 1 mile from me,
> > putting out 40KW. On 144, almost from end to end, it
> > clobbers my poor radio.
>
> Sounds like basic overload. Does it help if you enable the attenuator?
>
> I had the same problem with a local TV channel 2, and operating 6M. I ended up making a stub filter to notch out the TV station and it made 6M useable. I've noted IM products on HF too, when connected to a "real" antenna. My 746Pro does not suffer the same issues on the same antennas, so it is just the way it is with a 706.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 20381. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-02-28 22:17:51 UTC
From: Deacon Dave
Topic: 20376  Message: 20381

I'm the "other gentleman". Unfortunately my cell phone emails are rejected by the group [not text format].

So, no secrets or privacy issues involved ... just a cell phone email incompatibility.

DD, W1MCE

----- Original Message -----
From: Peter
To: ic706@yahoogroups.com
Sent: Thursday, February 28, 2013 12:14 PM
Subject: [ic706] Re: Yet another idiosyncracy

Thanks, and thanks to the gent who replied to me privately, whose privacy I will respect by not naming him here, and who suggested a stub filter, too.
I shall try that as soon as I can get to it, and report back my results.
(In the meantime, my friends and I have decided to use a 146 simplex freq instead of 144. Much much quieter there :-) )

Peter KO6R

--- In ic706@yahoogroups.com, Mark Brueggemann wrote:
>
>
> --- On Wed, 2/27/13, Peter wrote:
>
> > there is a broadcast FM station about 1 mile from me,
> > putting out 40KW. On 144, almost from end to end, it
> > clobbers my poor radio.
>
> Sounds like basic overload. Does it help if you enable the attenuator?
>
> I had the same problem with a local TV channel 2, and operating 6M. I ended up making a stub filter to notch out the TV station and it made 6M useable. I've noted IM products on HF too, when connected to a "real" antenna. My 746Pro does not suffer the same issues on the same antennas, so it is just the way it is with a 706.
>
>
> Mark K5LXP
> Albuquerque, NM
>

[Non-text portions of this message have been removed]

# 20382. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-01 15:13:27 UTC
From: Mark Brueggemann
Topic: 20376  Message: 20382

--- On Thu, 2/28/13, Peter <nanandpeter@...> wrote:

> Stub filter, 1'8.75" long, does the trick!  Amazing!

That's too short to work as either an open or shorted stub filter @ ~100MHz. Sounds like you made a quarter wave stub for 146MHz.

Mark K5LXP
Albuquerque, NM

# 20383. Testing

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-01 17:00:47 UTC
From: cax3nj
Topic: 20383  Message: 20383

Please Disregard

# 20384. Re: [ic706] Testing

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-01 18:29:44 UTC
From: John
Topic: 20383  Message: 20384

Ur 599 in Oklahoma.

On Fri, Mar 1, 2013 at 11:00 AM, cax3nj <n1zx@...> wrote:

> **
>
>
> Please Disregard
>
>
>

[Non-text portions of this message have been removed]

# 20385. Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-01 19:11:39 UTC
From: Peter
Topic: 20376  Message: 20385

What would such a cavity cost? And who carries them?
The stub cost me just a trip upstairs to the garage :-)
I like that sort of price.
Peter KO6R

--- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:

> If you have a cavity that will tune 2m, I'd use that. Stubs are quite
> broad. You can tune the cavity and get more rejection. I've used the
> stub with success, but it is quite disappointing when you sweep it and
> see what the bandwidth is.

# 20386. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-01 20:32:11 UTC
From: AG0N-3055
Topic: 20376  Message: 20386

On Fri, 01 Mar 2013 19:11:39 -0000, Peter wrote:

> What would such a cavity cost? And who carries them?
> The stub cost me just a trip upstairs to the garage :-)
> I like that sort of price.

You probably won't beat that price. :o) Most hams that have been around 2mFM or rptrs for awhile accumulate cavities and other things like that. They are pretty expensive to just go buy new though. Look at swapfests. It doesn't take one of the big high-Q ones, just something to act as a bandpass filter. It will greatly reduce anything out of the band it is resonant for. From the sounds of it, you probably don't need it, since the stub took care of it for you. It likely wasn't a very serious problem and just took a bit of attenuation.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20387. Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-02 13:38:12 UTC
From: Peter
Topic: 20376  Message: 20387

Are you saying that this site is incorrect?
http://www.arcticpeak.com/antennapages/quaterwavestub.htm
That's the page I used to calculate the length of the stub.
And, by the bye, it doesn't attenuate any 146mHz signals.
If you can refer me to a more correct page with the information I need, I'd be very appreciative.

Peter KO6R

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Thu, 2/28/13, Peter <nanandpeter@...> wrote:
>
> > Stub filter, 1'8.75" long, does the trick!  Amazing!
>
> That's too short to work as either an open or shorted stub filter @ ~100MHz. Sounds like you made a quarter wave stub for 146MHz.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 20388. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-02 15:31:11 UTC
From: Ralph Mowery
Topic: 20376  Message: 20388

I think Mark forgot to factor in the velocity factor of the coax.  Around 19 inches is 1/4 wavelength near 144 Mhz, but that is in free space.  You have to multiply that by about .6 to .85 depending on the type of coax you have.  That makes the electrical length of the coax stub longer than the physical length.  It could be anywhere between about 95 to 120 Mhz depending on the kind of coax.

The above numbers are not exect, but  a close estimation.
.

--- On Sat, 3/2/13, Peter <nanandpeter@...> wrote:

From: Peter <nanandpeter@...>
Subject: [ic706] Re: Yet another idiosyncracy
To: ic706@yahoogroups.com
Date: Saturday, March 2, 2013, 8:38 AM

Are you saying that this site is incorrect?
http://www.arcticpeak.com/antennapages/quaterwavestub.htm
That's the page I used to calculate the length of the stub.
And, by the bye, it doesn't attenuate any 146mHz signals.
If you can refer me to a more correct page with the information I need, I'd be very appreciative.

Peter KO6R

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Thu, 2/28/13, Peter <nanandpeter@...> wrote:
>
> > Stub filter, 1'8.75" long, does the trick!  Amazing!
>
> That's too short to work as either an open or shorted stub filter @ ~100MHz.  Sounds like you made a quarter wave stub for 146MHz.
>
>
> Mark K5LXP
> Albuquerque, NM
>

[Non-text portions of this message have been removed]

# 20389. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-02 16:16:58 UTC
From: Mark Brueggemann
Topic: 20376  Message: 20389

--- On Sat, 3/2/13, Peter <nanandpeter@...> wrote:

> Are you saying that this site is incorrect?

No. It is correct and the number you came up with is correct. I neglected to account for velocity factor. I recognized the length you came up with as a quarter wave for 2M but when velocity factor is applied, the frequency ends up around 94MHz.

This technique was common in the days of more prevalent paging interference from 155MHz. I made my pass/notch for 6M/TV2 using heliax and a series coil. For your application you're well beyond the notch and should have little to no attenuation at 146MHz, and depending on the coax you used somewhere between 20 and 30dB at 94MHz.

73, GL

Mark K5LXP
Albuquerque, NM

# 20390. Re: [ic706] Re: Yet another idiosyncracy

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-02 16:18:36 UTC
From: Mark Brueggemann
Topic: 20376  Message: 20390

--- On Sat, 3/2/13, Ralph Mowery <ku4pt@...> wrote:

> I think Mark forgot to factor in the
> velocity factor of the coax.

Yep, you're right. .66 is quite a shift. I've been playing too much lately with antennas where that's not so much of a factor.

Mark K5LXP
Albuquerque, NM

# 20391. digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 21:04:19 UTC
From: smillick
Topic: 20391  Message: 20391

is it possible to use the 706 without a tu unit just a computer for digital modes like rtty if so what is the hookup thanks

# 20392. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 21:52:30 UTC
From: LARRY J. FORD
Topic: 20391  Message: 20392

What's a "TU" unit?

The 706, with an appropriate external sound card device/interface (Signalink, etc.), which is recommended by most digital sound card aficionados, can do digital sound card modes, and with some interfaces just use a PC's internal soundcard (e.g., Skip Teller's home-brew sound card interface). The software for such modes generally includes RTTY emulations.

Some folks say the sound card digital RTTY modes is not "true" RTTY (hardware-generated, I suppose).

To tell you the "hook-up" we'd have to know what you propose to do, use, etc. "Hook-up" to what from what?

There's lots of info on the web.

Larry J. Ford
KG4GPJ

P.S. Your callsign?

------ Original Message ------
Received: Sun, 03 Mar 2013 04:04:46 PM EST
From: smillick <smillick@...>
To: ic706@yahoogroups.com
Subject: [ic706] digital

> is it possible to use the 706 without a tu unit just a computer for
> digital modes like rtty if so what is the hookup thanks
>
>

# 20393. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 22:15:34 UTC
From: Ralph Mowery
Topic: 20391  Message: 20393

Yes, you can use the 706  without anything special.  All you need is a way to hook the speaker output of the 706 to the computer sound card audio input and then hook the  speaker output of the computer to the mic input of the 706.  Usually a couple of resistors are needed to cut the audio level from the computer to the 706 mic input.

Here is a  place with some links to some built units.
http://www.soundcardpacket.org/1cablekit.htm

Here is a link to some free and sharwear for the sound card modes.
http://www.muenster.de/~welp/sb.htm

I have copied rtty and psk31 with just the computer microphone placed near the 706 speaker in a quiet room.  While it could be transmitted by doing the same with the computer speaker and 706 mic, it would pick up a lot of stuff in the room and not relly be legal in most cases.

--- On Sun, 3/3/13, smillick <smillick@...> wrote:

From: smillick <smillick@...>
Subject: [ic706] digital
To: ic706@yahoogroups.com
Date: Sunday, March 3, 2013, 4:04 PM

is it possible to use the 706 without a tu unit just a computer for
digital modes like rtty  if so what is the hookup  thanks

[Non-text portions of this message have been removed]

# 20394. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 22:30:56 UTC
From: smillick
Topic: 20391  Message: 20394

OK I have done the receive with no problem with a
Mix program for RTTY but the hookup for xmit is
where I am stumped as guess would have to get a
CAT7 plug to do so thought there my a place to
put the output into the other plug where I am at
I am limited to resources to the xmit running so
thats why I posed the question thanks

At 04:15 PM 3/3/2013, you wrote:
>
>
>Yes, you can use the 706 without anything
>special. All you need is a way to hook the
>speaker output of the 706 to the computer sound
>card audio input and then hook the speaker
>output of the computer to the mic input of the
>706. Usually a couple of resistors are needed
>to cut the audio level from the computer to the 706 mic input.
>
>Here is a place with some links to some built units.
><http://www.soundcardpacket.org/1cablekit.htm>http://www.soundcardpacket.org/1cablekit.ht
m
>
>Here is a link to some free and sharwear for the sound card modes.
><http://www.muenster.de/~welp/sb.htm>http://www.muenster.de/~welp/sb.htm
>
>I have copied rtty and psk31 with just the
>computer microphone placed near the 706 speaker
>in a quiet room. While it could be transmitted
>by doing the same with the computer speaker and
>706 mic, it would pick up a lot of stuff in the
>room and not relly be legal in most cases.
>
>--- On Sun, 3/3/13, smillick
><mailto:smillick%40wamusa.com>smillick@...> wrote:
>
>From: smillick <mailto:smillick%40wamusa.com>smillick@...>
>Subject: [ic706] digital
>To: <mailto:ic706%40yahoogroups.com>ic706@yahoogroups.com
>Date: Sunday, March 3, 2013, 4:04 PM
>
>is it possible to use the 706 without a tu unit just a computer for
>digital modes like rtty if so what is the hookup thanks
>
>[Non-text portions of this message have been removed]

>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13

[Non-text portions of this message have been removed]

# 20395. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 22:32:28 UTC
From: smillick
Topic: 20391  Message: 20395

I have the receive hooked uo but it is the xmit
is where I am stumped as where I am at I have
limited parts available have looked on the net
but no one has this exact problem

At 03:52 PM 3/3/2013, you wrote:
>
>
>What's a "TU" unit?
>
>The 706, with an appropriate external sound card device/interface (Signalink,
>etc.), which is recommended by most digital sound card aficionados, can do
>digital sound card modes, and with some interfaces just use a PC's internal
>soundcard (e.g., Skip Teller's home-brew sound card interface). The software
>for such modes generally includes RTTY emulations.
>
>Some folks say the sound card digital RTTY modes is not "true" RTTY
>(hardware-generated, I suppose).
>
>To tell you the "hook-up" we'd have to know what you propose to do, use, etc.
>"Hook-up" to what from what?
>
>There's lots of info on the web.
>
>Larry J. Ford
>KG4GPJ
>
>P.S. Your callsign?
>
>------ Original Message ------
>Received: Sun, 03 Mar 2013 04:04:46 PM EST
>From: smillick <mailto:smillick%40wamusa.com>smillick@...>
>To: <mailto:ic706%40yahoogroups.com>ic706@yahoogroups.com
>Subject: [ic706] digital
>
> > is it possible to use the 706 without a tu unit just a computer for
> > digital modes like rtty if so what is the hookup thanks
> >
> >
>
>
>
>No virus found in this message.
>Checked by AVG - <http://www.avg.com>www.avg.com
>Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13

[Non-text portions of this message have been removed]

# 20396. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 23:17:44 UTC
From: n3ji
Topic: 20391  Message: 20396

It would be better if you simply pulled the audio from the fixed level line on the 13 pin DIN, and fed the TX audio there as well. It's quite simple, and it's already line level so little if any leveling will be needed. I believe there is a schematic for the connections in the files area of this group -- check it out & see if that helps.

Joe, N3JI

Sent from my Verizon Wireless 4G LTE Smartphone

-------- Original message --------
From: smillick <smillick@...>
Date: 03/03/2013 16:32 (GMT-06:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] digital

I have the receive hooked uo but it is the xmit
is where I am stumped as where I am at I have
limited parts available have looked on the net
but no one has this exact problem

At 03:52 PM 3/3/2013, you wrote:
>
>
>What's a "TU" unit?
>
>The 706, with an appropriate external sound card device/interface (Signalink,
>etc.), which is recommended by most digital sound card aficionados, can do
>digital sound card modes, and with some interfaces just use a PC's internal
>soundcard (e.g., Skip Teller's home-brew sound card interface). The software
>for such modes generally includes RTTY emulations.
>
>Some folks say the sound card digital RTTY modes is not "true" RTTY
>(hardware-generated, I suppose).
>
>To tell you the "hook-up" we'd have to know what you propose to do, use, etc.
>"Hook-up" to what from what?
>
>There's lots of info on the web.
>
>Larry J. Ford
>KG4GPJ
>
>P.S. Your callsign?
>
>------ Original Message ------
>Received: Sun, 03 Mar 2013 04:04:46 PM EST

>From: smillick smillick@...>
>To: ic706@yahoogroups.com
>Subject: [ic706] digital
>
> > is it possible to use the 706 without a tu unit just a computer for
> > digital modes like rtty if so what is the hookup thanks
> >
> >
>
>
>
>No virus found in this message.
>Checked by AVG - http://www.avg.com>www.avg.com
>Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20397. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 23:33:22 UTC
From: Ron Bean
Topic: 20391  Message: 20397

Sorry, this bounced the first time, so resending.

Ron - KJ5XX
On Mar 3, 2013 5:31 PM, "Ron Bean" <ron@...> wrote:

> Yes it can be done and wiring will be dependant onwgich soundcard
> interface you decide to use. (SignaLink, Rigblaster, etc.).
>
> Here is the wiring information on the SignaLink:
>
> http://www.tigertronics.com/sl_wirebm.htm
>
> Once connected, all you need is digital software like DM-780, or Flidigi,
> and you're good to go.
>
> Ron - KJ5XX
>
> Sent from my HTC Evo 4g
> On Mar 3, 2013 4:30 PM, "smillick" <smillick@...> wrote:
>
>> **
>>
>>
>> OK I have done the receive with no problem with a
>> Mix program for RTTY but the hookup for xmit is
>> where I am stumped as guess would have to get a
>> CAT7 plug to do so thought there my a place to
>> put the output into the other plug where I am at
>> I am limited to resources to the xmit running so
>> thats why I posed the question thanks
>>
>> At 04:15 PM 3/3/2013, you wrote:
>> >
>> >
>> >Yes, you can use the 706 without anything
>> >special. All you need is a way to hook the
>> >speaker output of the 706 to the computer sound
>> >card audio input and then hook the speaker
>> >output of the computer to the mic input of the
>> >706. Usually a couple of resistors are needed
>> >to cut the audio level from the computer to the 706 mic input.
>> >
>> >Here is a place with some links to some built units.
>> >http://www.soundcardpacket.org/1cablekit.htm
>> http://www.soundcardpacket.org/1cablekit.htm

>> >
>> >Here is a link to some free and sharwear for the sound card modes.
>> >http://www.muenster.de/~welp/sb.htmhttp://www.muenster.de/~welp/sb.htm
>> >
>> >I have copied rtty and psk31 with just the
>> >computer microphone placed near the 706 speaker
>> >in a quiet room. While it could be transmitted
>> >by doing the same with the computer speaker and
>> >706 mic, it would pick up a lot of stuff in the
>> >room and not relly be legal in most cases.
>> >
>> >--- On Sun, 3/3/13, smillick
>> >smillick@...> wrote:
>> >
>> >From: smillick smillick@...>
>> >Subject: [ic706] digital
>> >To: ic706@yahoogroups.com
>> >Date: Sunday, March 3, 2013, 4:04 PM
>> >
>> >is it possible to use the 706 without a tu unit just a computer for
>> >digital modes like rtty if so what is the hookup thanks
>> >
>> >[Non-text portions of this message have been removed]
>> >
>> >
>> >
>> >No virus found in this message.
>> >Checked by AVG - http://www.avg.com>www.avg.com
>> >Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>

[Non-text portions of this message have been removed]

# 20398. Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-03 23:57:38 UTC
From: John G.
Topic: 20391  Message: 20398

I made a very simple interface for my 706 a little over a year ago just using cables I had lying around. I cut one end off of a CAT-5 cable, which plugs into the mic jack. Then I took a 1/8" to 1/8" cable and cut it in half. One end plugs into the sound card in, and the other end plugs into the soundcard out. You splice the other ends of these half cables to the proper wires on the CAT5 cable. You can get both sound in and sound out off of the mic jack. Put the rig into VOX and go to it. You can also use a narrow CW filter on AFSK by telling the rig it is the SSB filter. It will then let you choose it in both CW and SSB.

Works fine for me. I worked TX5K on Clipperton last night on 30m RTTY for a new RTTY country.

73 John AF5CC
----- Original Message -----
From: Ron Bean
To: ic706@yahoogroups.com
Sent: Sunday, March 03, 2013 11:33 PM
Subject: Re: [ic706] digital

Sorry, this bounced the first time, so resending.

Ron - KJ5XX
On Mar 3, 2013 5:31 PM, "Ron Bean" ron@...> wrote:

> Yes it can be done and wiring will be dependant onwgich soundcard
> interface you decide to use. (SignaLink, Rigblaster, etc.).
>
> Here is the wiring information on the SignaLink:
>
> http://www.tigertronics.com/sl_wirebm.htm
>
> Once connected, all you need is digital software like DM-780, or Flidigi,
> and you're good to go.
>
> Ron - KJ5XX
>
> Sent from my HTC Evo 4g
> On Mar 3, 2013 4:30 PM, "smillick" smillick@...> wrote:
>
>> **
>>
>>
>> OK I have done the receive with no problem with a
>> Mix program for RTTY but the hookup for xmit is
>> where I am stumped as guess would have to get a
>> CAT7 plug to do so thought there my a place to
>> put the output into the other plug where I am at

>> I am limited to resources to the xmit running so
>> thats why I posed the question thanks
>>
>> At 04:15 PM 3/3/2013, you wrote:
>> >
>> >
>> >Yes, you can use the 706 without anything
>> >special. All you need is a way to hook the
>> >speaker output of the 706 to the computer sound
>> >card audio input and then hook the speaker
>> >output of the computer to the mic input of the
>> >706. Usually a couple of resistors are needed
>> >to cut the audio level from the computer to the 706 mic input.
>> >
>> >Here is a place with some links to some built units.
>> >http://www.soundcardpacket.org/1cablekit.htm
>> http://www.soundcardpacket.org/1cablekit.htm
>> >
>> >Here is a link to some free and sharwear for the sound card modes.
>> >http://www.muenster.de/~welp/sb.htmhttp://www.muenster.de/~welp/sb.htm
>> >
>> >I have copied rtty and psk31 with just the
>> >computer microphone placed near the 706 speaker
>> >in a quiet room. While it could be transmitted
>> >by doing the same with the computer speaker and
>> >706 mic, it would pick up a lot of stuff in the
>> >room and not relly be legal in most cases.
>> >
>> >--- On Sun, 3/3/13, smillick
>> >smillick@...> wrote:
>> >
>> >From: smillick smillick@...>
>> >Subject: [ic706] digital
>> >To: ic706@yahoogroups.com
>> >Date: Sunday, March 3, 2013, 4:04 PM
>> >
>> >is it possible to use the 706 without a tu unit just a computer for
>> >digital modes like rtty if so what is the hookup thanks
>> >
>> >[Non-text portions of this message have been removed]
>> >
>> >
>> >
>> >No virus found in this message.
>> >Checked by AVG - http://www.avg.com>www.avg.com
>> >Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13
>>
>> [Non-text portions of this message have been removed]
>>
>>

>>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20399. How to tune AF RF/SQL pot

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-04 02:53:11 UTC
From: Frank
Topic: 20399  Message: 20399

Is there a pot to adjust the Attenuator, power,and squelch for the 706M2G?

# 20400. RE: EXTERNAL: Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-04 13:29:54 UTC
From: Lefczik, Larry D
Topic: 20391  Message: 20400

This takes me back to the early days of digital modes. That's all we did. Two cables and VOX. Now the commercial market has push hams into needing another box to buy to make a simple interface expensive.

The reason to go in thru the mic CAT-5 input connector is to allow the use of the VOX. The VOX will not work for the rear connector. You will need to drop the computer sound output quite low to not overdrive the mic preamp, that is why many end up putting an attenuator of some sort in the mic line. A simple potentiometer is the easiest method.

I have uses acoustic coupling for both input and output with great success. Yes it is good to have a quiet room, so put the dog outside for the QSO.

73
NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of John G.
Sent: Sunday, March 03, 2013 6:58 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] digital

I made a very simple interface for my 706 a little over a year ago just using cables I had lying around. I cut one end off of a CAT-5 cable, which plugs into the mic jack. Then I took a 1/8" to 1/8" cable and cut it in half. One end plugs into the sound card in, and the other end plugs into the soundcard out. You splice the other ends of these half cables to the proper wires on the CAT5 cable. You can get both sound in and sound out off of the mic jack. Put the rig into VOX and go to it. You can also use a narrow CW filter on AFSK by telling the rig it is the SSB filter. It will then let you choose it in both CW and SSB.

Works fine for me. I worked TX5K on Clipperton last night on 30m RTTY for a new RTTY country.

73 John AF5CC
----- Original Message -----
From: Ron Bean
To: ic706@yahoogroups.com
Sent: Sunday, March 03, 2013 11:33 PM
Subject: Re: [ic706] digital

Sorry, this bounced the first time, so resending.

Ron - KJ5XX
On Mar 3, 2013 5:31 PM, "Ron Bean" ron@thebeanstalk.us> wrote:

> Yes it can be done and wiring will be dependant onwgich soundcard
> interface you decide to use. (SignaLink, Rigblaster, etc.).
>

> Here is the wiring information on the SignaLink:
>
> http://www.tigertronics.com/sl_wirebm.htm
>
> Once connected, all you need is digital software like DM-780, or Flidigi,
> and you're good to go.
>
> Ron - KJ5XX
>
> Sent from my HTC Evo 4g
> On Mar 3, 2013 4:30 PM, "smillick" smillick@wamusa.com> wrote:
>
>> **
>>
>>
>> OK I have done the receive with no problem with a
>> Mix program for RTTY but the hookup for xmit is
>> where I am stumped as guess would have to get a
>> CAT7 plug to do so thought there my a place to
>> put the output into the other plug where I am at
>> I am limited to resources to the xmit running so
>> thats why I posed the question thanks
>>
>> At 04:15 PM 3/3/2013, you wrote:
>> >
>> >
>> >Yes, you can use the 706 without anything
>> >special. All you need is a way to hook the
>> >speaker output of the 706 to the computer sound
>> >card audio input and then hook the speaker
>> >output of the computer to the mic input of the
>> >706. Usually a couple of resistors are needed
>> >to cut the audio level from the computer to the 706 mic input.
>> >
>> >Here is a place with some links to some built units.
>> >http://www.soundcardpacket.org/1cablekit.htm
>> http://www.soundcardpacket.org/1cablekit.htm
>> >
>> >Here is a link to some free and sharwear for the sound card modes.
>> >http://www.muenster.de/~welp/sb.htmhttp://www.muenster.de/~welp/sb.htm
>> >
>> >I have copied rtty and psk31 with just the
>> >computer microphone placed near the 706 speaker
>> >in a quiet room. While it could be transmitted
>> >by doing the same with the computer speaker and
>> >706 mic, it would pick up a lot of stuff in the
>> >room and not relly be legal in most cases.
>> >
>> >--- On Sun, 3/3/13, smillick
>> >smillick@wamusa.com> wrote:

>> >
>> >From: smillick smillick@wamusa.com>
>> >Subject: [ic706] digital
>> >To: ic706@yahoogroups.com
>> >Date: Sunday, March 3, 2013, 4:04 PM
>> >
>> >is it possible to use the 706 without a tu unit just a computer for
>> >digital modes like rtty if so what is the hookup thanks
>> >
>> >[Non-text portions of this message have been removed]
>> >
>> >
>> >
>> >No virus found in this message.
>> >Checked by AVG - http://www.avg.com>www.avg.com
>> >Version: 2012.0.2238 / Virus Database: 2641/5644 - Release Date: 03/03/13
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20401. Re: digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-04 15:53:03 UTC
From: Tom Root
Topic: 20391  Message: 20401

An ICOM 706MKIIG is my fixed station HF rig..I use it almost daily for PSK-31 with my SignaLink interface..it works perfectly :D ..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20402. Re: digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-04 16:51:13 UTC
From: Misha
Topic: 20391  Message: 20402

This works for me:

http://item.mobileweb.ebay.com/viewitem?itemId=370543269051&index=4&nav=SEARCH&nid=20210801018

I'm using a cobbled together pc with a barebones is XP and HRD

--- In ic706@yahoogroups.com, smillick <smillick@...> wrote:
>
> is it possible to use the 706 without a tu unit just a computer for
> digital modes like rtty if so what is the hookup thanks
>

# 20403. Re: EXTERNAL: Re: [ic706] digital

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-05 03:21:06 UTC
From: Facility 406 DM09
Topic: 20391  Message: 20403

"This takes me back to the early days of digital modes. That's all we did."

That's all that is needed. I've been doing that since 1996 with a MKII and MKIIg and Kenwood TS-570D. Works flawlessly, HF digial modes, SSTV, packet...

Kurt

# 20404. 706 Attenuator

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 01:43:57 UTC
From: Frank
Topic: 20404  Message: 20404

Ic 706MKIIG attenuator is out of whack. I cannot receive after I have made a transmission, how can I adjust the attenuator. Frank in Denver

# 20405. Re: [ic706] 706 Attenuator

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 04:43:13 UTC
From: Facility 406 DM09
Topic: 20404  Message: 20405

"Ic 706MKIIG attenuator is out of whack. I cannot receive after I have made a transmission, how can I adjust the attenuator. Frank in Denver"

What changed? Is it on or off? It can be on, or off, per band, so pre-amp on one can be attenuator on the other. Depending on the band and antenna, your rig can appear deaf suddenly. I've run into this many times, always catches me off guard.

Kurt

# 20406. 706 drawing high current when off

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 20:04:11 UTC
From: Gary Tuppeny
Topic: 20406  Message: 20406

Hi all,

My 706IIg is drawing approx 5 amps when switched OFF and becoming considerably hot.

Otherwise the rig appears to still function ok on tx/rx.

I haven't used the rig for a while and only switched the psu on today when using other equipment.

Does anyone have any ideas or suggestions please.

regards Gary

# 20407. RE: [ic706] 706 drawing high current when off

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 20:44:40 UTC
From: <bruce.clements@...>
Topic: 20406  Message: 20407

Gary .
The PA is wired hot to unswitched B+.

If it was me I would take a RF voltmeter and poke around in the PA and see if you have oscilation somewhere in the PA deck.

The lowlevel pre-driver is free-running so you will see rf when not transmitting but the current would be low.

I then would take the B+ off PA devices till the current drops off , that would at least narrow it down.

MAKE SURE YOU WORK WITH THE POWER DISCONNECTED FROM THE SUPPLY.

You could have a bad cap around the PA transistors

Bruce
ve3bv

To: ic706@yahoogroups.com
From: g4loe@...
Date: Wed, 6 Mar 2013 20:04:11 +0000
Subject: [ic706] 706 drawing high current when off

Hi all,

My 706IIg is drawing approx 5 amps when switched OFF and becoming considerably hot.

Otherwise the rig appears to still function ok on tx/rx.

I haven't used the rig for a while and only switched the psu on today when using other equipment.

Does anyone have any ideas or suggestions please.

regards Gary

[Non-text portions of this message have been removed]

# 20408. Re: [ic706] 706 drawing high current when off

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 21:07:37 UTC
From: Alan Beagley
Topic: 20406  Message: 20408

On 03/06/13 03:04 pm, Gary Tuppeny wrote:

> My 706IIg is drawing approx 5 amps when switched OFF and becoming considerably hot.
>
> Otherwise the rig appears to still function ok on tx/rx.
>
> I haven't used the rig for a while and only switched the psu on today when using other equipment.
>
> Does anyone have any ideas or suggestions please.

Mine was drawing 1/2 amp when switched off a few years ago. Turned out
to be a leaky PA transistor -- one of the old superseded Motorola ones,
but the Michigan Service Center had a replacement at the time.

73

Alan NV8A

# 20409. Chinese MRF-255 PA Transistors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-06 23:21:19 UTC
From: David Stinson
Topic: 20406  Message: 20409

Well, I got my Chinese-supplied MRF-255 PA MOSFETs today.
I had only blown one of them (short), but ordered two "just in case."

http://www.ebay.com/itm/111001427877

It took about a month to get them.
Don't know why, but they did let me know up-front
that it would take awhile so no complaint.

I installed the "new" device and it is working OK.
The bias setting is considerably different than
that for the original remaining device. This may indicate
that the "Original Motorola MRF255" is, in reality,
a Chinese knock-off. But frankly, I don't care as long
as it works. I'm getting full output and so far, so good.
If it goes "poof" sometime soon, I'll let you know.

73 DE Dave AB5S

# 20410. RE: [ic706] Chinese MRF-255 PA Transistors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-07 13:51:56 UTC
From: <bruce.clements@...>
Topic: 20406  Message: 20410

It was always common practise to replace both devices in a 2 device stage. Being a tech for Motorola we found that the older device would usually crap out within weeks...so I always replace both and keep the old one as a emergency spare.

It only adds a few mins to the repair but it will save your butt down the road.

bruce
ve3bv

To: ic706@yahoogroups.com
From: arc5@...
Date: Wed, 6 Mar 2013 17:21:19 -0600
Subject: [ic706] Chinese MRF-255 PA Transistors

Well, I got my Chinese-supplied MRF-255 PA MOSFETs today.
I had only blown one of them (short), but ordered two "just in case."

http://www.ebay.com/itm/111001427877

It took about a month to get them.
Don't know why, but they did let me know up-front
that it would take awhile so no complaint.

I installed the "new" device and it is working OK.
The bias setting is considerably different than
that for the original remaining device. This may indicate
that the "Original Motorola MRF255" is, in reality,
a Chinese knock-off. But frankly, I don't care as long
as it works. I'm getting full output and so far, so good.
If it goes "poof" sometime soon, I'll let you know.

73 DE Dave AB5S

[Non-text portions of this message have been removed]

# 20411. Re: [ic706] Chinese MRF-255 PA Transistors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-07 14:12:39 UTC
From: David Stinson
Topic: 20406  Message: 20411

----- Original Message -----
From: <bruce.clements@...>

> It was always common practise to replace both devices in a 2 device stage.
> Being a tech for Motorola we found that the older device would usually
> crap out within weeks...so I always replace both and keep the old one as a
> emergency spare.
>
> It only adds a few mins to the repair but it will save your butt down the
> road.

Good advice, Bruce.
I've just heard all these horror stories about "counterfeit devices"
and kinda wanted to "go slow."
I'll take your advice and replace the other device today some time.

73 Dave S.

# 20412. Re: [ic706] Chinese MRF-255 PA Transistors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-08 04:15:50 UTC
From: Mark Brueggemann
Topic: 20406  Message: 20412

Mark K5LXP
Albuquerque, NM

--- On Wed, 3/6/13, David Stinson <arc5@...tcom.com> wrote:

> I got my Chinese-supplied MRF-255 PA MOSFETs today.

> I installed the "new" device and it is working OK.
> The bias setting is considerably different than
> that for the original remaining device.  ... I don't
> care as long as it works.

I'd be leery about IMD with these unknowns. A wattmeter won't tell you if you're generating junk up and down the band.

Mark K5LXP
Albuquerque, NM

# 20413. ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-10 19:23:19 UTC
From: piratdxer
Topic: 20413  Message: 20413

Anyone know of an aftermarket cable to connect the '706 to a laptop for computer control? Any leads would be appreciated.

73, John/K2DVS

# 20414. Re: [ic706] ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-12 00:56:43 UTC
From: David Boucher
Topic: 20413  Message: 20414

XGGCOMMS:

http://www.xggcomms.com/

I use his cable for my 706MKII. It's the serial version with audio cables
so I can have computer control and do all the digital modes.
73,
David Boucher, KD0PLS
Lebanon Amateur Radio Club VP
ARES Missouri District I DEC
www.arrlmidwestconvention.com

On Sun, Mar 10, 2013 at 2:23 PM, piratdxer <jtart@...> wrote:

> **
>
>
> Anyone know of an aftermarket cable to connect the '706 to a laptop for
> computer control? Any leads would be appreciated.
>
> 73, John/K2DVS
>
>
>

--
73,
David Boucher, KD0PLS
Lebanon Amateur Radio Club VP
ARES Missouri District I DEC
www.arrlmidwestconvention.com

[Non-text portions of this message have been removed]

# 20415. Re: ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-12 11:23:06 UTC
From: gw0div@btinternet.com
Topic: 20413  Message: 20415

You can't control the radio through the ACC socket, it's basically only for controlling ATU's and amplifiers and feeding audio in and out. Try looking for CI-V cables. there are hundreds out there from pennies to pounds!!

Rhys

GW0DIV

--- In ic706@yahoogroups.com, "piratdxer" <jtart@...> wrote:
>
> Anyone know of an aftermarket cable to connect the '706 to a laptop for computer control? Any leads would be appreciated.
>
> 73, John/K2DVS
>

# 20416. Re: [ic706] ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-12 13:52:54 UTC
From: LARRY J. FORD
Topic: 20413  Message: 20416

Here's a "lead" for a "lead" for your 706 to your computer: (no pun intended;
well, maybe a little one ;-)

http://www.amazon.com/Interface-IC-7000-Chipset-Supports-Windows/dp/B004L0T4UM/ref=cm_cr-mr-title

I got this recently; works great with my IC-706 under HRD/DM-780 and other
programs.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 11 Mar 2013 08:31:09 PM EDT
From: "piratdxer" <jtart@...>
To: ic706@yahoogroups.com
Subject: [ic706] ACC to serial or USB cable?

> Anyone know of an aftermarket cable to connect the '706 to a laptop for
computer control? Any leads would be appreciated.
>
> 73, John/K2DVS
>
>

# 20417. Re: [ic706] ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-12 14:07:07 UTC
From: Hroller McKnutt
Topic: 20413  Message: 20417

On Tue, Mar 12, 2013 at 8:52 AM, LARRY J. FORD <lford@...> wrote:
> Here's a "lead" for a "lead" for your 706 to your computer: (no pun intended;
> well, maybe a little one ;-)
>
> http://www.amazon.com/Interface-IC-7000-Chipset-Supports-Windows/dp/B004L0T4UM/ref=cm_cr
-mr-title
>
> I got this recently; works great with my IC-706 under HRD/DM-780 and other
> programs.

I'll second that one (though it seems to be out of stock), it's the
FTDI chipset version from Valley that I use with my 706MkIIG and it
works great with HRD or DX Labs stuff.

DO NOT think the $10 cables are "worth a chance" though, those things
almost universally suck.

If you have a serial port on your computer (rare these days), then by
all means get the serial version that was first linked (or build one,
they aren't complicated and there are a LOT of plans out there on the
intertubes)

Mike
KD0TGR
--
Nullo edactore ligni, consilium cedet. - Countess Magda

# 20418. Re: [ic706] ACC to serial or USB cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-12 14:09:07 UTC
From: LARRY J. FORD
Topic: 20413  Message: 20418

Perhaps it's out of stock because it works so well!!??

I specifically sought out one with the FTDI chipset, and not the Prolific chipset.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 12 Mar 2013 10:07:34 AM EDT
From: Hroller McKnutt <hroller@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] ACC to serial or USB cable?

> On Tue, Mar 12, 2013 at 8:52 AM, LARRY J. FORD <lford@...> wrote:
> > Here's a "lead" for a "lead" for your 706 to your computer: (no pun intended;
> > well, maybe a little one ;-)
> >
> > http://www.amazon.com/Interface-IC-7000-Chipset-Supports-Windows/dp/B004L0T4UM/ref=cm_cr-mr-title
> >
> > I got this recently; works great with my IC-706 under HRD/DM-780 and other
> > programs.
>
> I'll second that one (though it seems to be out of stock), it's the
> FTDI chipset version from Valley that I use with my 706MkIIG and it
> works great with HRD or DX Labs stuff.
>
> DO NOT think the $10 cables are "worth a chance" though, those things
> almost universally suck.
>
> If you have a serial port on your computer (rare these days), then by
> all means get the serial version that was first linked (or build one,
> they aren't complicated and there are a LOT of plans out there on the
> intertubes)
>
> Mike
> KD0TGR
> --
> Nullo edactore ligni, consilium cedet. - Countess Magda
>

# 20420. RF/SQL problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-15 18:27:30 UTC
From: Frank
Topic: 20420  Message: 20420

My 706KMIIG has a problem with Pwr on HF. The RF knob has to be set at 8:00 to 9:00 for full output. The squelch is not open till about 10:00 t0 11:00. Any way to fix that?

# 20421. Re: [ic706] RF/SQL problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-15 19:08:04 UTC
From: Mike Rodgers
Topic: 20420  Message: 20421

That's really weird. The RF/SQL knob is just a receive function. RF Gain or squelch. I think there may be a menu item to select one or the other for ssb, so if it's squelching on ssb I think you can change that in the menu.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 15, 2013, at 1:27 PM, "Frank" <w0rb2000@...> wrote:

> My 706KMIIG has a problem with Pwr on HF. The RF knob has to be set at
> 8:00 to 9:00 for full output. The squelch is not open till about 10:00
> t0 11:00. Any way to fix that?
>
>

[Non-text portions of this message have been removed]

# 20422. Re: [ic706] RF/SQL problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-15 19:17:23 UTC
From: Mike Rodgers
Topic: 20420  Message: 20422

Just to be sure, push and hold display button to get to rf out menu.

For rf/SQL turn rig off, hold lock button while powering on, I think this is is the initial set mode. #7 is rf/SQL. Mine is set to auto.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 15, 2013, at 2:08 PM, Mike Rodgers <mikerodgerske5gbc@yahoo.com> wrote:

> That's really weird. The RF/SQL knob is just a receive function. RF Gain or squelch. I think there may be a menu item to select one or the other for ssb, so if it's squelching on ssb I think you can change that in the menu.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Mar 15, 2013, at 1:27 PM, "Frank" <w0rb2000@...> wrote:
>
> > My 706KMIIG has a problem with Pwr on HF. The RF knob has to be set at
> > 8:00 to 9:00 for full output. The squelch is not open till about 10:00
> > t0 11:00. Any way to fix that?
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20423. Need Help

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-17 15:51:16 UTC
From: WP4MXB
Topic: 20423  Message: 20423

Hi i am looking for a fl-102 AM filter i will like to buy it. please let me know thank you and 73's

# 20424. Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-18 15:46:32 UTC
From: John G.
Topic: 20424  Message: 20424

I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.

It has the hand mic, a short power cord with power pole connectors on it, and a copy of the manual.

Anyone care to guess about what such a rig is worth, or to make an offer on it?
73 John AF5CC

[Non-text portions of this message have been removed]

# 20425. Re: [ic706] Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-18 15:57:10 UTC
From: w6bts@...
Topic: 20424  Message: 20425

Hi,

I sold mine locally here in San Diego about six months ago. It was the series 1 706 in better condition then yours it seem. It was fully functional with the MARS mod and an added filter. It included the brackets, proper power cord, hand mic and original manual. I accepted $400.00 and felt it was a fare offer.

Bold & 73,

Dave ~ W6BTS
Sent via my Diet Smith Industries Wrist Communicator

-----Original Message-----
From: "John G." <af5cc@fidmail.com>
Sender: ic706@yahoogroups.com
Date: Mon, 18 Mar 2013 15:46:32
To: <forsale-swap@mailman.qth.net>; <ham4sale@Yahoogroups.com>; <ic706@yahoogroups.com>; <IC-706MKIIG@yahoogroups.com>
Reply-To: ic706@yahoogroups.com
Cc: ICOM Reflector<icom@mailman.qth.net>
Subject: [ic706] Icom 706 original used value or offers

I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.

It has the hand mic, a short power cord with power pole connectors on it, and a copy of the manual.

Anyone care to guess about what such a rig is worth, or to make an offer on it?
73 John AF5CC

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20426. Pelican Case for the IC-706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-18 16:04:49 UTC
From: Rene Santos
Topic: 20426  Message: 20426

Hi, I need the help of the group, what could be the right model of a Pelican case for the IC-706 alone or with enough space for the mic, and the DC power cable. Thanks in advance.

73
Rene
HC2S

# 20428. Re: [ic706] Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 12:03:28 UTC
From: Dihan Angelo De Silva
Topic: 20424  Message: 20428

hmmm hi!!! care to name a price?

Dihan Angelo De Silva

facebook.com/dihanangelo

---
From: John G. <af5cc@fidmail.com>
To: forsale-swap@...; ham4sale@...; ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com
Cc: ICOM Reflector <icom@mailman.qth.net>
Sent: Monday, 18 March 2013, 21:16
Subject: [ic706] Icom 706 original used value or offers

I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.

It has the hand mic, a short power cord with power pole connectors on it, and a copy of the manual.

Anyone care to guess about what such a rig is worth, or to make an offer on it?
73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20429. Re: [ic706] Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 13:11:01 UTC
From: Keith Heimbold
Topic: 20424  Message: 20429

I paid $450 for one with the MARS mod but it needed a new relay and some other repair from a local guy in San Diego and it now works perfectly. Repair cost me $150. I added the ssb filter for another $110. So for $710 I have a near perfect operating 706.

The gentleman who repaired it told me that the receiver beat all the original factory specifications as he also recalibrated it for me. I feel like maybe in total it was a lot to pay to get such an old radio but I really love it so I will overlook the total cost of getting it right and just enjoy it.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Mar 18, 2013, at 8:46 AM, "John G." <af5cc@...> wrote:

> I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.
> 
> It has the hand mic, a short power cord with power pole connectors on it, and a copy of the manual.
> 
> Anyone care to guess about what such a rig is worth, or to make an offer on it?
> 73 John AF5CC
> 
> [Non-text portions of this message have been removed]
> 
> 

[Non-text portions of this message have been removed]

# 20430. Re: [ic706] Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 13:39:27 UTC
From: w2dhb@...
Topic: 20424  Message: 20430

I paid $350 for a used one with MARS mod with no major issues about 4 years ago. Pat, W2DHB

In a message dated 3/21/2013 9:12:12 A.M. Eastern Daylight Time, ag6az@... writes:

I paid $450 for one with the MARS mod but it needed a new relay and some other repair from a local guy in San Diego and it now works perfectly. Repair cost me $150. I added the ssb filter for another $110. So for $710 I have a near perfect operating 706.

The gentleman who repaired it told me that the receiver beat all the original factory specifications as he also recalibrated it for me. I feel like maybe in total it was a lot to pay to get such an old radio but I really love it so I will overlook the total cost of getting it right and just enjoy it.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Mar 18, 2013, at 8:46 AM, "John G." <_af5cc@..._ (mailto:af5cc@...) > wrote:

> I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.
> 
> It has the hand mic, a short power cord with power pole connectors on it, and a copy of the manual.
> 
> Anyone care to guess about what such a rig is worth, or to make an offer on it?
> 73 John AF5CC
> 
> [Non-text portions of this message have been removed]
> 
> 

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20431. Re: [ic706] Icom 706 original used value or offers

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 14:38:07 UTC
From: ka9p@...
Topic: 20424  Message: 20431

I got a Mark 2 (non-G) for $350 off of Craig's list a few months ago, and thought it was inexpensive, and not perfect.

Like Keith noted the filters can make or break you, so one with a cw filter probably worth $75 to $100 more.

Good Luck, Scott ka9p

In a message dated 3/21/2013 9:00:15 A.M. Central Daylight Time, w2dhb@... writes:

I paid $350 for a used one with MARS mod with no major issues about 4 years ago. Pat, W2DHB

In a message dated 3/21/2013 9:12:12 A.M. Eastern Daylight Time, ag6az@... writes:

I paid $450 for one with the MARS mod but it needed a new relay and some other repair from a local guy in San Diego and it now works perfectly. Repair
cost me $150. I added the ssb filter for another $110. So for $710 I have a near perfect operating 706.

The gentleman who repaired it told me that the receiver beat all the original factory specifications as he also recalibrated it for me. I feel like
maybe in total it was a lot to pay to get such an old radio but I really love it so I will overlook the total cost of getting it right and just enjoy
it.

Keith
AK6ZZ

Sent from my iPhone please excuse typos

On Mar 18, 2013, at 8:46 AM, "John G." <_af5cc@..._ (mailto:af5cc@...) > wrote:

> I have an Icom 706 original (HF/6m 100 watts, 2m 10 watts) in decent physical shape with a couple of issues. The meter doesnt work on transmit, but
> works fine on receive. Also, on 12m and 15m the receive level sometimes drops down. It seems like a dirty relay. You click the mic button or key and
> it comes back to the normal level. It seems ok on the other bands. I have worked 223 countries with it in the past 2 years.
>

> It has the hand mic, a short power cord with power pole connectors on
it, and a copy of the manual.
>
> Anyone care to guess about what such a rig is worth, or to make an
offer
on it?
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 20432. Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 18:00:53 UTC
From: Frank
Topic: 20432  Message: 20432

Well folks we still have not found a cure for the RF/SQL on my 706. Thanks for the couple of guys that added input, and I tryed all your suggestions. It must be a pot in the radio maybe I can ajust to change the thresholds on the RF/SQL. I get full out put pwr on all modes when the RF knob is at 8:00 but no receive until I move the RF knob to approx 10:00. So I think it is going to take a more tech person and familier to the 706 then I have been able to find. So thanks to every one that tried to help. Frank in Denver

# 20433. Re: [ic706] Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 20:30:57 UTC
From: Paul Klawunn
Topic: 20432  Message: 20433

Frank: When you have the RF gain set below max (12:00 oclock), you need to increase the AF gain to compensate and to get audio from the speaker. This is a useful technique in a high noise environment, it decreases the sensitivity and the noise. Signals are made readable by increasing the audio gain to compensate. Hope this helps, Paul, KJ4AMH

On Thu, Mar 21, 2013 at 2:00 PM, Frank <w0rb2000@...> wrote:

> Well folks we still have not found a cure for the RF/SQL on my 706. Thanks
> for the couple of guys that added input, and I tryed all your suggestions.
> It must be a pot in the radio maybe I can ajust to change the thresholds on
> the RF/SQL. I get full out put pwr on all modes when the RF knob is at 8:00
> but no receive until I move the RF knob to approx 10:00. So I think it is
> going to take a more tech person and familier to the 706 then I have been
> able to find. So thanks to every one that tried to help. Frank in Denver
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

[Non-text portions of this message have been removed]

# 20434. Re: [ic706] Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 22:11:44 UTC
From: AG0N-3055
Topic: 20432  Message: 20434

On Thu, 21 Mar 2013 18:00:53 -0000, Frank wrote:

> I get full out put pwr on all modes when the RF knob is at 8:00 but no receive until I move the RF knob to approx 10:00. So I think it is going to take a more tech person and familier to the 706 then I have been able to find.

You aren't making any sense. The RF knob (RF GAIN) has nothing to do
with power output, which is set in a menu. Full RF gain is achieved at
the 12 o'clock position. Less than that will result in reduced gain. As
for squelch, it begins just past 12 o'clock and operates per your menu
setting choosing its operation. (Ignore what I've just said if the 706
is different from the 706MkIIg.)

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20435. Re: Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-21 21:35:03 UTC
From: AE5SB
Topic: 20432  Message: 20435

Set to RF/SQL, the knob will act as RF gain from 7-12-O'clock, and Squelch from 12-7-O'clock. Set item 7 to RF/SQL and set the knob to about 12:30 and you'll never have to mess with it again. If set to Auto, you'll have to crank it around every time you switch from SSB/CW to FM modes. The "RF/SQL" setting is the most convenient.

Hope this helps

# 20436. Re: [ic706] Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 02:40:31 UTC
From: Frank Strickland
Topic: 20432  Message: 20436

Thanks Paul for the info. That did not work. I can turn the volume all the way up or down or any setting and no receive audio as long as the RF setting is below 9:00 and it has to be there
for any show of wattage on the watt meter. Thanks any way.

Sent from my iPhone

On Mar 21, 2013, at 14:30, Paul Klawunn <kj4amh@...> wrote:

> Frank: When you have the RF gain set below max (12:00 oclock), you need to
> increase the AF gain to compensate and to get audio from the speaker. This
> is a useful technique in a high noise environment, it decreases the
> sensitivity and the noise. Signals are made readable by increasing the
> audio gain to compensate. Hope this helps, Paul, KJ4AMH
>
> On Thu, Mar 21, 2013 at 2:00 PM, Frank <w0rb2000@...> wrote:
>
> > Well folks we still have not found a cure for the RF/SQL on my 706. Thanks
> > for the couple of guys that added input, and I tryed all your suggestions.
> > It must be a pot in the radio maybe I can ajust to change the thresholds on
> > the RF/SQL. I get full out put pwr on all modes when the RF knob is at 8:00
> > but no receive until I move the RF knob to approx 10:00. So I think it is
> > going to take a more tech person and familier to the 706 then I have been
> > able to find. So thanks to every one that tried to help. Frank in Denver
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20437. Re: [ic706] Re: Rebeat problem 706 RF/SQL

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 02:49:35 UTC
From: Frank Strickland
Topic: 20432  Message: 20437

The RF gain will not give me any show of out put above 9:00. I have tried all three settings for RF/SQL nothing positive happens.

Sent from my iPhone

On Mar 21, 2013, at 15:35, "AE5SB" <snidrv@...> wrote:

> Set to RF/SQL, the knob will act as RF gain from 7-12-O'clock, and Squelch from 12-7-O'clock. Set item 7 to RF/SQL and set the knob to about 12:30 and you'll never have to mess with it again. If set to Auto, you'll have to crank it around every time you switch from SSB/CW to FM modes. The "RF/SQL" setting is the most convenient.
>
> Hope this helps
>
>

[Non-text portions of this message have been removed]

# 20438. SSB modulation

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 03:57:37 UTC
From: kc7qop
Topic: 20438  Message: 20438

I have a 706=IIG in my car. On 20m SSB it does not modulate. I press the PTT and the power out bar goes to 50% and stays there, unaffected by talking into the mic. If I switch to 40m SSB it acts normally. I did the factory reset with no change. I plan to do the usual contact cleaning, etc. unless anyone has a specific cure. Thanks. --Lee

# 20439. Re: SSB modulation

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 17:01:52 UTC
From: rob223112
Topic: 20438  Message: 20439

First thing, try it into a dummy load. If that's ok, you have an antenna /ground problem ((I'm thinking RF feedback). If not, you have a rig problem.

--- In ic706@yahoogroups.com, "kc7qop" <leeshissler@...> wrote:
>
> I have a 706=IIG in my car. On 20m SSB it does not modulate. I press the PTT and the power out bar goes to 50% and stays there, unaffected by talking into the mic. If I switch to 40m SSB it acts normally. I did the factory reset with no change. I plan to do the usual contact cleaning, etc. unless anyone has a specific cure. Thanks. --Lee
>

# 20440. Internal Keyer - Iambic Mode A or Mode B?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 17:50:22 UTC
From: KAWill
Topic: 20440  Message: 20440

I'm learning Iambic keying for the first time and it looks as though it will take some practice.

Does anyone know if Icom uses Iambic Mode A or Mode B? I have to release the paddles very quickly to avoid an extra dot or dash at the end of a character.

Related to this, are there any small external Keyers available that you like better than the Icom internal keyer?

Thanks, Kent

AA6P

# 20441. Re: [ic706] Internal Keyer - Iambic Mode A or Mode B?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 21:10:06 UTC
From: Mark Brueggemann
Topic: 20440  Message: 20441

--- On Fri, 3/22/13, KAWill <kawill70@...> wrote:

> Does anyone know if Icom uses Iambic Mode A or Mode B?

They don't spec it but I would say "A". At slower speeds, say anything under 25wpm it's usable but it's not a keyer I would want to use all the time.

> are there any small external Keyers available that you like better
> than the Icom internal keyer?

Compared to the one in the 706, pretty much any of them. K1EL is my favorite.

Mark K5LXP
Albuquerque, NM

# 20442. Re: SSB modulation

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-23 03:17:40 UTC
From: Lee Shissler
Topic: 20438  Message: 20442

When I get back home, I will put it on a dummy load. Thanks. I suspect it's a rig problem because 40 meters works fine and the SWR graph for 20 meters is fine, less than 1.5 to 1. I will post the results. --Lee

# 20443. Re: [ic706] Re: SSB modulation

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-23 05:05:23 UTC
From: Mike Rodgers
Topic: 20438  Message: 20443

Although 20m would be a new band, this sounds a lot like the 15/17m issue.
Check that all circuit board mounting/grounding screws are tight.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 22, 2013, at 10:17 PM, Lee Shissler <leeshissler@...> wrote:

> When I get back home, I will put it on a dummy load. Thanks. I
> suspect it's a rig problem because 40 meters works fine and the SWR
> graph for 20 meters is fine, less than 1.5 to 1. I will post the
> results. --Lee
>

[Non-text portions of this message have been removed]

# 20444. Re: Internal Keyer - Iambic Mode A or Mode B?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-23 17:22:54 UTC
From: KAWill
Topic: 20440  Message: 20444

Mark - Thanks for the help.

The keyer in my IC-706MKIIG seems to be using Iambic Mode B. When sending the letter C, I can release both paddles at the start of the second dah and it still completes the dit at the end.

My understanding is that Iambic Mode A will only complete the element being sent after release of the paddles. It is fairly easy to test this by slowing the keyer down to 10 wpm or slower.

It would be nice to have Iambic A and B to try out and possibly the older Ultimatic mode as well.

The K1EL keyer does look excellent.

73, Kent AA6P

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
> --- On Fri, 3/22/13, KAWill <kawill70@...> wrote:
>
>
> > Does anyone know if Icom uses Iambic Mode A or Mode B?
>
> They don't spec it but I would say "A". At slower speeds, say anything under 25wpm it's usable but it's not a keyer I would want to use all the time.
>
>
> > are there any small external Keyers available that you like better
> > than the Icom internal keyer?
>
> Compared to the one in the 706, pretty much any of them. K1EL is my favorite.
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 20445. Icom 706 and receive-rig or feedline problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-24 18:44:13 UTC
From: af5cc
Topic: 20445  Message: 20445

Here is a message I posted a few months ago about the receive level dropping off at times in my Icom 706 original:

"I have noticed for the past few months that the receive seems to drop
at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad"

Now here are some additional details, it seems to be occurring on other bands as well. 17m at times, and was doing it on 30m last night. Someone suggested to me that it could be a problem in the antenna system as well. I did some checking this morning, and have determined that it isn't in the low pass filter, the MFJ tuner, or any jumper coaxes in the shack. It would have to be in the feedline going to the G5RV, or the balun there. I haven't had time to change out the coax run yet.

I have also noticed that on 12m and 15m the receive will come back up by itself at times. Sometimes it is a quick drop down and come back several times in succession. Would a relay problem do this?

So, with this latest information, what is the better guess as to the problem-in the rig or the antenna system?

73 John AF5CC

# 20446. Re: [ic706] Icom 706 and receive-rig or feedline problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-24 20:18:00 UTC
From: Mike Rodgers
Topic: 20445  Message: 20446

I've had a ant switch do that before?

Good Luck
73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 24, 2013, at 1:44 PM, "af5cc" <af5cc@...> wrote:

> Here is a message I posted a few months ago about the receive level dropping off at times in my Icom 706 original:
>
> "I have noticed for the past few months that the receive seems to drop
> at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad"
>
> Now here are some additional details, it seems to be occurring on other bands as well. 17m at times, and was doing it on 30m last night. Someone suggested to me that it could be a problem in the antenna system as well. I did some checking this morning, and have determined that it isn't in the low pass filter, the MFJ tuner, or any jumper coaxes in the shack. It would have to be in the feedline going to the G5RV, or the balun there. I haven't had time to change out the coax run yet.
>
> I have also noticed that on 12m and 15m the receive will come back up by itself at times. Sometimes it is a quick drop down and come back several times in succession. Would a relay problem do this?
>
> So, with this latest information, what is the better guess as to the problem-in the rig or the antenna system?
>
> 73 John AF5CC
>
>

[Non-text portions of this message have been removed]

# 20447. Re: [ic706] Icom 706 and receive-rig or feedline problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-24 20:30:32 UTC
From: John G.
Topic: 20445  Message: 20447

Hi Mike,

I removed the tuner and low pass filter from the circuit and hooked the antenna directly to the rig. It was still doing it so it is not the switch in the tuner.

73 John AF5CC

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Sunday, March 24, 2013 8:18 PM
Subject: Re: [ic706] Icom 706 and receive-rig or feedline problems

I've had a ant switch do that before?

Good Luck
73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 24, 2013, at 1:44 PM, "af5cc" <af5cc@fidmail.com> wrote:

> Here is a message I posted a few months ago about the receive level dropping off at times in my Icom 706 original:
>
> "I have noticed for the past few months that the receive seems to drop
> at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad"
>
> Now here are some additional details, it seems to be occurring on other bands as well. 17m at times, and was doing it on 30m last night. Someone suggested to me that it could be a problem in the antenna system as well. I did some checking this morning, and have determined that it isn't in the low pass filter, the MFJ tuner, or any jumper coaxes in the shack. It would have to be in the feedline going to the G5RV, or the balun there. I haven't had time to change out the coax run yet.
>
> I have also noticed that on 12m and 15m the receive will come back up by itself at times. Sometimes it is a quick drop down and come back several times in succession. Would a relay problem do this?
>
> So, with this latest information, what is the better guess as to the problem-in the rig or the antenna system?

>
> 73 John AF5CC
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20448. Re: [ic706] Re: SSB modulation

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-22 21:23:08 UTC
From: Barry Miller
Topic: 20438  Message: 20448

My first assumption would be RF feedback, too.

But can you give us a bit more information, Lee?

What output power level have got the 706IIG set for when transmitting on 20 m? 100 w? 50 w? 5 w?

And are you using the front panel separation kit?

Icom conveniently made the connecting cable between the front panel and the radio body 5 metres long - a delightful quarter wavelength on 14 MHz! Can really suck in the RF, if you don't have good grounding - been there, done that... At 100 w, my 706IIG would simply lock on in transmit, and the radio had to have the DC disconnected to reset it. Not sure what it might do at lower power levels.

73,
Barry
VK3BJM

----- Original Message -----
From: rob223112
To: ic706@yahoogroups.com
Sent: Saturday, March 23, 2013 4:01 AM
Subject: [ic706] Re: SSB modulation

First thing, try it into a dummy load. If that's ok, you have an antenna /ground problem ((I'm thinking RF feedback). If not, you have a rig problem.

--- In ic706@yahoogroups.com, "kc7qop" <leeshissler@...> wrote:
>
> I have a 706=IIG in my car. On 20m SSB it does not modulate. I press the PTT and the power out bar goes to 50% and stays there, unaffected by talking into the mic. If I switch to 40m SSB it acts normally. I did the factory reset with no change. I plan to do the usual contact cleaning, etc. unless anyone has a specific cure. Thanks. --Lee
>

[Non-text portions of this message have been removed]

# 20449. HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-28 21:59:59 UTC
From: KAWill
Topic: 20449  Message: 20449

I just noticed that my Icom HM-103 Microphone has a solid plastic case with no holes or slots for the sound to pass through.

It seems to work fine. Is the sound simply conducting through the case to the microphone element inside?

If so, maybe their intent was to keep water and dust from getting inside.

73, Kent

AA6P

# 20450. Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-29 02:18:53 UTC
From: Mike Rodgers
Topic: 20449  Message: 20450

I think if you look close you will see a hole on the underside of a ridge.
Today most are using these "electret" elements and can be as small as a match head with very broad frequency response. They use a bias voltage usually 8v in which the 8v bias is then modulated so to speak.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 28, 2013, at 4:59 PM, "KAWill" <kawill70@...> wrote:

> I just noticed that my Icom HM-103 Microphone has a solid plastic case with no holes or slots for the sound to pass through.
>
> It seems to work fine. Is the sound simply conducting through the case to the microphone element inside?
>
> If so, maybe their intent was to keep water and dust from getting inside.
>
> 73, Kent
>
> AA6P
>
>

[Non-text portions of this message have been removed]

# 20451. RE: EXTERNAL: Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-29 12:14:10 UTC
From: Lefczik, Larry D
Topic: 20449  Message: 20451

Yes, it is a sealed case. The intent was to have a "close talk" mic that would not pick up background wind noise in mobile with the windows down. The first "mod" in the '90s, to improve sensitivity, was to remove the rubber grommet under the element to give better sound transfer. I later released the mod to remove the element and drill a small hole in the case and reinstall the element and grommet. Much better sound.

73, NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Mike Rodgers
Sent: Thursday, March 28, 2013 10:19 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

I think if you look close you will see a hole on the underside of a ridge.
Today most are using these "electret" elements and can be as small as a match head with very broad frequency response. They use a bias voltage usually 8v in which the 8v bias is then modulated so to speak.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 28, 2013, at 4:59 PM, "KAWill" <kawill70@gmail.com> wrote:

> I just noticed that my Icom HM-103 Microphone has a solid plastic case with no holes or slots for the sound to pass through.
>
> It seems to work fine. Is the sound simply conducting through the case to the microphone element inside?
>
> If so, maybe their intent was to keep water and dust from getting inside.
>
> 73, Kent
>
> AA6P
>
>

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20452. Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-29 13:53:08 UTC
From: LARRY J. FORD
Topic: 20449  Message: 20452

Yes, there is a tiny hole there, but the op should use only "little" words
when talking into it, big words may not pass thru the tiny opening.

Larry J. Ford
KG4GPJ

(Not quite there yet, but just getting ahead of the April Fools' Day jokes!
;-)

------ Original Message ------
Received: Thu, 28 Mar 2013 10:19:40 PM EDT
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

> I think if you look close you will see a hole on the underside of a ridge.
> Today most are using these "electret" elements and can be as small as a
match head with very broad frequency response. They use a bias voltage usually
8v in which the 8v bias is then modulated so to speak.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Mar 28, 2013, at 4:59 PM, "KAWill" <kawill70@...> wrote:
>
> > I just noticed that my Icom HM-103 Microphone has a solid plastic case
with no holes or slots for the sound to pass through.
> >
> > It seems to work fine. Is the sound simply conducting through the case to
the microphone element inside?
> >
> > If so, maybe their intent was to keep water and dust from getting inside.
> >
> > 73, Kent
> >
> > AA6P
> >
> >
>
>
> [Non-text portions of this message have been removed]

>
>

# 20453. Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-29 19:14:16 UTC
From: KAWill
Topic: 20449  Message: 20453

Thanks all for your comments on the HM-103 Microphone.

I cleaned the slots on the microphone with a small brush and inspected them carefully with a magnifier and LED light. Sure enough, there are very narrow slits mostly out of sight in four of the slots to let the sound in. You can just barely see them.

Earlier I had heard about various modifications by amateurs to improve the microphone so it's possible ICOM made some changes over time.

Regards, Kent

AA6P

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> I think if you look close you will see a hole on the underside of a ridge.
> Today most are using these "electret" elements and can be as small as a match head with very broad frequency response. They use a bias voltage usually 8v in which the 8v bias is then modulated so to speak.
>
> 73
> Mike R

# 20454. Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-29 19:32:26 UTC
From: Mike Gormley
Topic: 20449  Message: 20454

I would have used a vacuum first, before a brush. Sort of like, it is
not recommended in cleaning your ears with cotton swabs. You jam stuff
up further into the ear.

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 3/29/2013 3:14 PM, KAWill wrote:
>
> Thanks all for your comments on the HM-103 Microphone.
>
> I cleaned the slots on the microphone with a small brush and inspected
> them carefully with a magnifier and LED light. Sure enough, there are
> very narrow slits mostly out of sight in four of the slots to let the
> sound in. You can just barely see them.
>
> Earlier I had heard about various modifications by amateurs to improve
> the microphone so it's possible ICOM made some changes over time.
>
> Regards, Kent
>
> AA6P
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Mike
> Rodgers <mikerodgerske5gbc@...> wrote:
> >
> > I think if you look close you will see a hole on the underside of a
> ridge.
> > Today most are using these "electret" elements and can be as small
> as a match head with very broad frequency response. They use a bias
> voltage usually 8v in which the 8v bias is then modulated so to speak.
> >
> > 73
> > Mike R
>
>
> <http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxcHZzNHZpBF9TAzk3MzU5NzE0BGdycElkA
zEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDUzBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDU
4NDQ1OA--?act=reply&messageNum=20453>
>
>

>
>
>

[Non-text portions of this message have been removed]

# 20455. Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-30 06:59:11 UTC
From: Mike Rodgers
Topic: 20449  Message: 20455

What kind of vacuum ?

Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Mar 29, 2013, at 2:32 PM, Mike Gormley <WA8VEC@...> wrote:

> I would have used a vacuum first, before a brush. Sort of like, it is
> not recommended in cleaning your ears with cotton swabs. You jam stuff
> up further into the ear.
>
> Mike Gormley
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
> On 3/29/2013 3:14 PM, KAWill wrote:
> >
> > Thanks all for your comments on the HM-103 Microphone.
> >
> > I cleaned the slots on the microphone with a small brush and inspected
> > them carefully with a magnifier and LED light. Sure enough, there are
> > very narrow slits mostly out of sight in four of the slots to let the
> > sound in. You can just barely see them.
> >
> > Earlier I had heard about various modifications by amateurs to improve
> > the microphone so it's possible ICOM made some changes over time.
> >
> > Regards, Kent
> >
> > AA6P
> >
> > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>, Mike
> > Rodgers <mikerodgerske5gbc@...> wrote:
> > >
> > > I think if you look close you will see a hole on the underside of a
> > ridge.
> > > Today most are using these "electret" elements and can be as small
> > as a match head with very broad frequency response. They use a bias
> > voltage usually 8v in which the 8v bias is then modulated so to speak.

> > >
> > > 73
> > > Mike R
> >
> >
> > <http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxcHZzNHZpBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDUzBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDU4NDQ1OA--?act=reply&messageNum=20453>
> >
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20456. Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-30 15:22:54 UTC
From: Mike Gormley
Topic: 20449  Message: 20456

Nothing in particular in mind, but more the concept of sucking it out
rather than brushing it in.

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 3/30/2013 2:59 AM, Mike Rodgers wrote:
>
> What kind of vacuum ?
>
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Mar 29, 2013, at 2:32 PM, Mike Gormley <WA8VEC@...
> <mailto:WA8VEC%40ARRL.net>> wrote:
>
> > I would have used a vacuum first, before a brush. Sort of like, it is
> > not recommended in cleaning your ears with cotton swabs. You jam stuff
> > up further into the ear.
> >
> > Mike Gormley
> > Sebring, FL
> > Cell:
> > www.Mike-Gormley.com
> > www.Facebook.com/Mike.Gormley.Caller
> >
> > On 3/29/2013 3:14 PM, KAWill wrote:
> > >
> > > Thanks all for your comments on the HM-103 Microphone.
> > >
> > > I cleaned the slots on the microphone with a small brush and
> inspected
> > > them carefully with a magnifier and LED light. Sure enough, there are
> > > very narrow slits mostly out of sight in four of the slots to let the
> > > sound in. You can just barely see them.
> > >
> > > Earlier I had heard about various modifications by amateurs to

> improve
> > > the microphone so it's possible ICOM made some changes over time.
> > >
> > > Regards, Kent
> > >
> > > AA6P
> > >
> > > --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
> <mailto:ic706%40yahoogroups.com>, Mike
> > > Rodgers <mikerodgerske5gbc@...> wrote:
> > > >
> > > > I think if you look close you will see a hole on the underside of a
> > > ridge.
> > > > Today most are using these "electret" elements and can be as small
> > > as a match head with very broad frequency response. They use a bias
> > > voltage usually 8v in which the 8v bias is then modulated so to speak.
> > > >
> > > > 73
> > > > Mike R
> > >
> > >
> > >
> <http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxcHZzNHZpBF9TAzk3MzU5NzE0BGdycElkA
zEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDUzBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDU
4NDQ1OA--?act=reply&messageNum=20453>
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> [Non-text portions of this message have been removed]
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.3267 / Virus Database: 3161/6214 - Release Date: 03/30/13
>

[Non-text portions of this message have been removed]

# 20457. Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-30 16:57:38 UTC
From: AG0N-3055
Topic: 20449  Message: 20457

On Sat, 30 Mar 2013 11:22:54 -0400, Mike Gormley wrote:

> Nothing in particular in mind, but more the concept of sucking it out
> rather than brushing it in.

Sounds like a good way to ruin a mic element to me.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20458. Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-30 17:12:11 UTC
From: Mike Gormley
Topic: 20449  Message: 20458

On 3/30/2013 12:57 PM, AG0N-3055 wrote:
>
> On Sat, 30 Mar 2013 11:22:54 -0400, Mike Gormley wrote:
>
> > Nothing in particular in mind, but more the concept of sucking it out
> > rather than brushing it in.
>
> Sounds like a good way to ruin a mic element to me.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>
>
> <http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxYTU2azVuBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDU3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDY2MjY5OQ--?act=reply&messageNum=20457>
>
>
>
>
>
Well they do make a product for cleaning your ears that uses suction
that can be bought a CVS. If it doesn't ruin the ear, maybe it won't
ruin a mic element. There is such a thing as low pressure for certain
applications.

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

[Non-text portions of this message have been removed]

# 20459. Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-30 18:15:46 UTC
From: LARRY J. FORD
Topic: 20459  Message: 20459

Two thoughts come to mind:

1. Very carefully use a can of compressed air to blow the dust, etc., off the mic and the mic element opening without directly blowing at full force into the mic element opening.

2. There are very small "computer" vacuums made for cleaning keyboards and interior components that have a very gentle suction force.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 30 Mar 2013 01:42:09 PM EDT
From: Mike Gormley <WA8VEC@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

> On 3/30/2013 12:57 PM, AG0N-3055 wrote:
> >
> > On Sat, 30 Mar 2013 11:22:54 -0400, Mike Gormley wrote:
> >
> > > Nothing in particular in mind, but more the concept of sucking it out
> > > rather than brushing it in.
> >
> > Sounds like a good way to ruin a mic element to me.
> >
> > Gary
> > --
> > http://ag0n.net
> > 3055: http://ag0n.net/irlp/3055
> > NodeOp Help Page: http://ag0n.net/irlp
> >
> >
> >
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxYTU2azVuBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDU3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDY2MjY5OQ--?act=reply&messageNum=20457>
> >
> >
> >
> >
> >
> Well they do make a product for cleaning your ears that uses suction

> that can be bought a CVS. If it doesn't ruin the ear, maybe it won't
> ruin a mic element. There is such a thing as low pressure for certain
> applications.
>
>
> Mike Gormley
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20460. Re: [ic706] HM-103 Microphone - No Holes for Sound to Pass Through?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-03-31 04:17:00 UTC
From: Facility 406 DM09
Topic: 20449  Message: 20460

Mine has eight slots about a half inch long each. They are on the bottom of the ridges on the front of the mic, look up from the bottom with a light.

Kurt

# 20461. Urgent google document

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-01 04:02:56 UTC
From: Bill Houston
Topic: 20461  Message: 20461

Please view the document i uploaded for you using Google docs.

Click here just sign in with your email to view the document its very important.

Thank you.

Bill.

[Non-text portions of this message have been removed]

# 20462. Re: [ic706] Urgent google document

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-01 04:05:32 UTC
From: Mark Robinson
Topic: 20461  Message: 20462

What ??????????

Best clean up your pc

----- Original Message -----
From: "Bill Houston" <billhouston16@...>
To: <undisclosed recipients:>
Sent: Monday, 01 April, 2013 12:02 AM
Subject: [ic706] Urgent google document

Please view the document i uploaded for you using Google docs.

Click here just sign in with your email to view the document its very
important.

Thank you.

Bill.

[Non-text portions of this message have been removed]

---

Yahoo! Groups Links

# 20463. Re: [ic706] Urgent google document

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-01 10:41:54 UTC
From: Andy Cox
Topic: 20461  Message: 20463

Why would it be Urgent?

This guys a spammer? scammer?

Dont fall it people, my account was hacked several weeks ago

[Non-text portions of this message have been removed]

# 20464. spam hacked email

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-01 16:12:18 UTC
From: Bill Houston
Topic: 20464  Message: 20464

Sorry I have just found I have been hacked.  I have changed my password, and deleted all my contacts.  Who ever started this needs to be shot.

[Non-text portions of this message have been removed]

# 20465. Re: [ic706] spam hacked email

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-01 18:01:34 UTC
From: Wayne Bowyer
Topic: 20464  Message: 20465

I understand completely. It's happened to me just recently. If you find'em
let me know. I'd like to stand in line with a baseball bat.

Wayne
n4eyz

On Mon, Apr 1, 2013 at 12:12 PM, Bill Houston <billhouston16@...>wrote:

> **
>
>
> Sorry I have just found I have been hacked. I have changed my password,
> and
> deleted all my contacts. Who ever started this needs to be shot.
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 20466. Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-02 21:53:34 UTC
From: af5cc
Topic: 20101  Message: 20466

Where is this TR relay at? I have looked at most of the rig, and also at the service manual for the 706MKII, which is available here. Is it on the filter board, or which board is it on?

73 John AF5CC

--- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> G'dday John,
> I have had a 706 original from new.
> A number of years ago I had similar problems. For me it was the TR relay which has a plastic lid you can pop off to clean the relay contacts with a slip of paper. That as rough as I would use. No abraisives etc. Perhaps a little alcohol. Its quite small. The cover pops back on.
> As I recall the band pass filter relays are sealed. Much harder to remove/replace. They might come good with a bit more use.
> Andrew
>
> --- In ic706@yahoogroups.com, "John G." <af5cc@> wrote:
> >
> > I have an Icom 706 original which I picked up around 19 month ago and really like it. I have noticed for the past few months that the receive seems to drop at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad, but it does seem to not be as bad after the rig has been on a while and probably heated up. It doesn't seem to affect 17m or below, or 10/6/2m either.
> >
> > Any ideas as to what might be going on and how much it would cost to fix if necessary?
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
>

# 20467. RE: [ic706] Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-02 22:11:49 UTC
From: <bruce.clements@...>
Topic: 20101  Message: 20467

its on the PA board

To: ic706@yahoogroups.com
From: af5cc@...
Date: Tue, 2 Apr 2013 21:53:34 +0000
Subject: [ic706] Re: Icom 706 and possible relay problem-advice

Where is this TR relay at? I have looked at most of the rig, and also at the service manual for the 706MKII, which is available here. Is it on the filter board, or which board is it on?

73 John AF5CC

--- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>
> G'dday John,
> I have had a 706 original from new.
> A number of years ago I had similar problems. For me it was the TR relay which has a plastic lid you can pop off to clean the relay contacts with a slip of paper. That as rough as I would use. No abraisives etc. Perhaps a little alcohol. Its quite small. The cover pops back on.
> As I recall the band pass filter relays are sealed. Much harder to remove/replace. They might come good with a bit more use.
> Andrew
>
> --- In ic706@yahoogroups.com, "John G." <af5cc@> wrote:
> >
> > I have an Icom 706 original which I picked up around 19 month ago and really like it. I have noticed for the past few months that the receive seems to drop at times on certain bands-it started on 12m and now occurs on 15m as well. If you click the key or mic to quickly put it into transmit the receive comes back. To me this sounds like a dirty relay or one that is going bad, but it does seem to not be as bad after the rig has been on a while and probably heated up. It doesn't seem to affect 17m or below, or 10/6/2m either.
> >
> > Any ideas as to what might be going on and how much it would cost to fix if necessary?
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

# 20468. Re: [ic706] Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-03 00:26:59 UTC
From: John G.
Topic: 20101  Message: 20468

Thanks Bruce,

I see that is on the bottom of the rig-had that part open today. Guess I
didn't look hard enough. Is it a hard plastic, I believe blue rectangler
box? If so, how do you get it open to clean the contacts?

73 John AF5CC

----- Original Message -----
From: <bruce.clements@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, April 02, 2013 10:11 PM
Subject: RE: [ic706] Re: Icom 706 and possible relay problem-advice

> its on the PA board
>
>
>
>
> To: ic706@yahoogroups.com
> From: af5cc@...
> Date: Tue, 2 Apr 2013 21:53:34 +0000
> Subject: [ic706] Re: Icom 706 and possible relay problem-advice
>
>
>
>
>
> Where is this TR relay at? I have looked at most of the rig, and also at
> the service manual for the 706MKII, which is available here. Is it on the
> filter board, or which board is it on?
>
> 73 John AF5CC
>
> --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>>
>> G'dday John,
>> I have had a 706 original from new.
>> A number of years ago I had similar problems. For me it was the TR relay
>> which has a plastic lid you can pop off to clean the relay contacts with
>> a slip of paper. That as rough as I would use. No abraisives etc. Perhaps
>> a little alcohol. Its quite small. The cover pops back on.
>> As I recall the band pass filter relays are sealed. Much harder to
>> remove/replace. They might come good with a bit more use.
>> Andrew
>>

>> --- In ic706@yahoogroups.com, "John G." <af5cc@> wrote:
>> >
>> > I have an Icom 706 original which I picked up around 19 month ago and
>> > really like it. I have noticed for the past few months that the receive
>> > seems to drop at times on certain bands-it started on 12m and now
>> > occurs on 15m as well. If you click the key or mic to quickly put it
>> > into transmit the receive comes back. To me this sounds like a dirty
>> > relay or one that is going bad, but it does seem to not be as bad after
>> > the rig has been on a while and probably heated up. It doesn't seem to
>> > affect 17m or below, or 10/6/2m either.
>> >
>> > Any ideas as to what might be going on and how much it would cost to
>> > fix if necessary?
>> >
>> > 73 John AF5CC
>> >
>> > [Non-text portions of this message have been removed]
>> >
>>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20469. RE: [ic706] Re: Icom 706 and possible relay problem-advice

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-03 00:39:05 UTC
From: <bruce.clements@...>
Topic: 20101  Message: 20469

you have to unsolder it to clean it...i replaced mine for 5 bucks.
i figured it was already out.. cleaning is only short term cure..

bruce
ve3bv

To: ic706@yahoogroups.com
From: af5cc@...
Date: Wed, 3 Apr 2013 00:26:59 +0000
Subject: Re: [ic706] Re: Icom 706 and possible relay problem-advice

Thanks Bruce,

I see that is on the bottom of the rig-had that part open today. Guess I
didn't look hard enough. Is it a hard plastic, I believe blue rectangler
box? If so, how do you get it open to clean the contacts?

73 John AF5CC

----- Original Message -----
From: <bruce.clements@...>
To: <ic706@yahoogroups.com>
Sent: Tuesday, April 02, 2013 10:11 PM
Subject: RE: [ic706] Re: Icom 706 and possible relay problem-advice

> its on the PA board
>
>
>
>
> To: ic706@yahoogroups.com
> From: af5cc@fidmail.com
> Date: Tue, 2 Apr 2013 21:53:34 +0000
> Subject: [ic706] Re: Icom 706 and possible relay problem-advice
>
>
>
>
>
> Where is this TR relay at? I have looked at most of the rig, and also at
> the service manual for the 706MKII, which is available here. Is it on the
> filter board, or which board is it on?
>
> 73 John AF5CC
>
> --- In ic706@yahoogroups.com, "vk5zuc" <vk5zuc@...> wrote:
>>

>> G'dday John,
>> I have had a 706 original from new.
>> A number of years ago I had similar problems. For me it was the TR relay
>> which has a plastic lid you can pop off to clean the relay contacts with
>> a slip of paper. That as rough as I would use. No abraisives etc. Perhaps
>> a little alcohol. Its quite small. The cover pops back on.
>> As I recall the band pass filter relays are sealed. Much harder to
>> remove/replace. They might come good with a bit more use.
>> Andrew
>>
>> --- In ic706@yahoogroups.com, "John G." <af5cc@> wrote:
>> >
>> > I have an Icom 706 original which I picked up around 19 month ago and
>> > really like it. I have noticed for the past few months that the receive
>> > seems to drop at times on certain bands-it started on 12m and now
>> > occurs on 15m as well. If you click the key or mic to quickly put it
>> > into transmit the receive comes back. To me this sounds like a dirty
>> > relay or one that is going bad, but it does seem to not be as bad after
>> > the rig has been on a while and probably heated up. It doesn't seem to
>> > affect 17m or below, or 10/6/2m either.
>> >
>> > Any ideas as to what might be going on and how much it would cost to
>> > fix if necessary?
>> >
>> > 73 John AF5CC
>> >
>> > [Non-text portions of this message have been removed]
>> >
>>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 20470. Anyone parting out an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-04 02:09:37 UTC
From: John G.
Topic: 20470  Message: 20470

I have an Icom 706 original, and need a new filter board for it, as the one I have has some problems with the bandpass filter relays. Anyone parting out an Icom 706 that has this filter board for sale? If so, let me know the price shipped to Lawton, OK.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20471. Re: [ic706] Anyone parting out an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-04 03:50:24 UTC
From: David Stinson
Topic: 20470  Message: 20471

You and me both ;-)

----- Original Message -----
From: "John G." <af5cc@...>
To: <ic706@yahoogroups.com>; <IC-706MKIIG@yahoogroups.com>; "ICOM Reflector"
<icom@...>
Sent: Wednesday, April 03, 2013 9:09 PM
Subject: [ic706] Anyone parting out an Icom 706 original

>I have an Icom 706 original, and need a new filter board for it, as the one
>I have has some problems with the bandpass filter relays. Anyone parting
>out an Icom 706 that has this filter board for sale? If so, let me know
>the price shipped to Lawton, OK.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

# 20472. Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-06 18:49:55 UTC
From: John G.
Topic: 20472  Message: 20472

Recently I sent an email out looking for the filter board for an Icom 706 original because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.

That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?

73 John AF5CC

[Non-text portions of this message have been removed]

# 20473. Re: [ic706] Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-06 20:19:03 UTC
From: Joe Isabella
Topic: 20472  Message: 20473

I've had to replace control components, but not the relays themselves. At least so far. But that was my own fault -- tuned across a band border testing an antenna for SWR dip. Bad idea.  I believe it was the 6m filter was stuck inline full time (shorted transistor or diode, can't recall now).  Even though the other bands would switch in normally, the impedance was screwy.

Joe, N3JI

---

From: John G. <af5cc@...>
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@yahoogroups.com
Sent: Saturday, April 6, 2013 1:49 PM
Subject: [ic706] Icom 706 reliability

Recently I sent an email out looking for the filter board for an Icom 706 original because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.

That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20474. Re: Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-07 05:09:37 UTC
From: zl1tbg
Topic: 20472  Message: 20474

I have an original and a Mk2g.

Both have been used extensively mostly as mobiles.
The original has had 1 relay on the filter board fail, which affected one of the HF segments, new relays were a stock item at RS Components - might be Newark in some countries.

The Mk2g has had lots more failures, including the power relay, and the relays are different to the original radios and are not a stock item. I just soldered the power relay on because cleaning it didnt last.

If I needed another it would be a Mk2 or the original. Note that the Mk2 has bipolars in the finals, and Mk2g can have 3 different PA finals, the early ones not obtainable.

Ralph ZL1TBG

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> I've had to replace control components, but not the relays themselves. At least so far. But that was my own fault -- tuned across a band border testing an antenna for SWR dip. Bad idea. Â I believe it was the 6m filter was stuck inline full time (shorted transistor or diode, can't recall now). Â Even though the other bands would switch in normally, the impedance was screwy.
>
> Joe, N3JI
>
>
> _____
> From: John G. <af5cc@...>
> To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@yahoogroups.com
> Sent: Saturday, April 6, 2013 1:49 PM
> Subject: [ic706] Icom 706 reliability
>
>
> Â
> Recently I sent an email out looking for the filter board for an Icom 706 original because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.
>
> That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?
>
> 73 John AF5CC

>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20475. Re: [ic706] Re: Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-07 14:23:14 UTC
From: John G.
Topic: 20472  Message: 20475

Thanks for the reply Ralph. I have heard from at least one Icom tech. that the MKII was the best built and most reliable of the models.

73 John AF5CC
----- Original Message -----
From: zl1tbg
To: ic706@yahoogroups.com
Sent: Sunday, April 07, 2013 5:09 AM
Subject: [ic706] Re: Icom 706 reliability

I have an original and a Mk2g.

Both have been used extensively mostly as mobiles.
The original has had 1 relay on the filter board fail, which affected one of the HF segments, new relays were a stock item at RS Components - might be Newark in some countries.

The Mk2g has had lots more failures, including the power relay, and the relays are different to the original radios and are not a stock item. I just soldered the power relay on because cleaning it didnt last.

If I needed another it would be a Mk2 or the original. Note that the Mk2 has bipolars in the finals, and Mk2g can have 3 different PA finals, the early ones not obtainable.

Ralph ZL1TBG

--- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
>
> I've had to replace control components, but not the relays themselves. At least so far. But that was my own fault -- tuned across a band border testing an antenna for SWR dip. Bad idea. Â I believe it was the 6m filter was stuck inline full time (shorted transistor or diode, can't recall now). Â Even though the other bands would switch in normally, the impedance was screwy.
>
> Joe, N3JI
>
>
> _____
> From: John G. <af5cc@...>
> To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@...m
> Sent: Saturday, April 6, 2013 1:49 PM
> Subject: [ic706] Icom 706 reliability
>
>
> Â
> Recently I sent an email out looking for the filter board for an Icom 706 original

because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.
>
> That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20476. Re: Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-08 07:19:35 UTC
From: vk5zuc
Topic: 20472  Message: 20476

Interesting thread,
My 706 original has had very few problems despite extensive use early on. It is my main portable rig now if I'm not doing QRP. By chance this one has exceptional crystal stability. I did short the accessory power trace and loose a SMC choke on field day once but a local tech didn't charge too much. This screwed up the preamp.
The other fault was a dirty TR relay but that one has a lid that pops off unlike the band pass ones. A few wipes of the contacts with a small piece of ordinary A4 PC printer paper and it has been fine for years. After that I did have some spurious oscillations on HF. It was a devil to fix but in the end with cleaning all the screws holding the filter board a few star washers and puting the lid on tight it hasn't missed a beat for nearly half of its life.
Andrew

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> Thanks for the reply Ralph. I have heard from at least one Icom tech. that the MKII was the best built and most reliable of the models.
>
>
> 73 John AF5CC
> ----- Original Message -----
> From: zl1tbg
> To: ic706@yahoogroups.com
> Sent: Sunday, April 07, 2013 5:09 AM
> Subject: [ic706] Re: Icom 706 reliability
>
>
>
>
> I have an original and a Mk2g.
>
> Both have been used extensively mostly as mobiles.
> The original has had 1 relay on the filter board fail, which affected one of the HF segments, new relays were a stock item at RS Components - might be Newark in some countries.
>
> The Mk2g has had lots more failures, including the power relay, and the relays are different to the original radios and are not a stock item. I just soldered the power relay on because cleaning it didnt last.
>
> If I needed another it would be a Mk2 or the original. Note that the Mk2 has bipolars in the finals, and Mk2g can have 3 different PA finals, the early ones not obtainable.
>
> Ralph ZL1TBG
>
> --- In ic706@yahoogroups.com, Joe Isabella <n3ji@> wrote:

> >
> > I've had to replace control components, but not the relays themselves. At least so far. But that was my own fault -- tuned across a band border testing an antenna for SWR dip. Bad idea. Â I believe it was the 6m filter was stuck inline full time (shorted transistor or diode, can't recall now). Â Even though the other bands would switch in normally, the impedance was screwy.
> >
> > Joe, N3JI
> >
> >
> > _____
> > From: John G. <af5cc@>
> > To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@>; icomradio@yahoogroups.com
> > Sent: Saturday, April 6, 2013 1:49 PM
> > Subject: [ic706] Icom 706 reliability
> >
> >
> > Â
> > Recently I sent an email out looking for the filter board for an Icom 706 original because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.
> >
> > That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20477. WTB: Icom 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-09 22:53:45 UTC
From: John G.
Topic: 20477  Message: 20477

I am looking for a good condition, good working Icom 706MKII. Only need the power cord and hand mic with it, but will take other accessories also if you have them. Might consider a 706 original for the right price. Let me know your price shipped to Lawton, OK Zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20478. RE: EXTERNAL: Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-10 13:44:55 UTC
From: Lefczik, Larry D
Topic: 20459  Message: 20478

My advice is typical curious-ham advice: Take the mc apart and see what you are dealing with, you may be surprised where the element is actually located.

73, NJ2L

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
Sent: Saturday, March 30, 2013 2:16 PM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)

Two thoughts come to mind:

1. Very carefully use a can of compressed air to blow the dust, etc., off the mic and the mic element opening without directly blowing at full force into the mic element opening.

2. There are very small "computer" vacuums made for cleaning keyboards and interior components that have a very gentle suction force.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sat, 30 Mar 2013 01:42:09 PM EDT
From: Mike Gormley <WA8VEC@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass Through?

> On 3/30/2013 12:57 PM, AG0N-3055 wrote:
> >
> > On Sat, 30 Mar 2013 11:22:54 -0400, Mike Gormley wrote:
> >
> > > Nothing in particular in mind, but more the concept of sucking it out
> > > rather than brushing it in.
> >
> > Sounds like a good way to ruin a mic element to me.
> >
> > Gary
> > --
> > http://ag0n.net
> > 3055: http://ag0n.net/irlp/3055
> > NodeOp Help Page: http://ag0n.net/irlp

> >
> >
> >
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxYTU2azVuBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDU3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDY2MjY5OQ--?act=reply&messageNum=20457>
> >
> >
> >
> >
> >
> Well they do make a product for cleaning your ears that uses suction
> that can be bought a CVS. If it doesn't ruin the ear, maybe it won't
> ruin a mic element. There is such a thing as low pressure for certain
> applications.
>
>
> Mike Gormley
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

---

Yahoo! Groups Links

# 20479. RE: EXTERNAL: Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-10 15:07:02 UTC
From: LARRY J. FORD
Topic: 20479  Message: 20479

Why do you think I haven't done that already?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 10 Apr 2013 09:45:56 AM EDT
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: RE: EXTERNAL: Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)

> My advice is typical curious-ham advice: Take the mc apart and see what you are dealing with, you may be surprised where the element is actually located.
>
> 73, NJ2L
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
> Sent: Saturday, March 30, 2013 2:16 PM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] Re: Cleaning HM-103 Microphone - (was: No Holes for Sound to Pass Through?)
>
> Two thoughts come to mind:
>
> 1. Very carefully use a can of compressed air to blow the dust, etc., off the
> mic and the mic element opening without directly blowing at full force into
> the mic element opening.
>
> 2. There are very small "computer" vacuums made for cleaning keyboards and
> interior components that have a very gentle suction force.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Sat, 30 Mar 2013 01:42:09 PM EDT

> From: Mike Gormley <WA8VEC@ARRL.net>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Re: HM-103 Microphone - No Holes for Sound to Pass
> Through?
>
> > On 3/30/2013 12:57 PM, AG0N-3055 wrote:
> > >
> > > On Sat, 30 Mar 2013 11:22:54 -0400, Mike Gormley wrote:
> > >
> > > > Nothing in particular in mind, but more the concept of sucking it out
> > > > rather than brushing it in.
> > >
> > > Sounds like a good way to ruin a mic element to me.
> > >
> > > Gary
> > > --
> > > http://ag0n.net
> > > 3055: http://ag0n.net/irlp/3055
> > > NodeOp Help Page: http://ag0n.net/irlp
> > >
> > >
> > >
>
<http://groups.yahoo.com/group/ic706/post;_ylc=X3oDMTJxYTU2azVuBF9TAzk3MzU5NzE0BGdycElkAzE
wMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIwNDU3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2NDY2M
jY5OQ--?act=reply&messageNum=20457>
> > >
> > >
> > >
> > >
> > >
> > Well they do make a product for cleaning your ears that uses suction
> > that can be bought a CVS. If it doesn't ruin the ear, maybe it won't
> > ruin a mic element. There is such a thing as low pressure for certain
> > applications.
> >
> >
> > Mike Gormley
> > Sebring, FL
> > Cell:
> > www.Mike-Gormley.com
> > www.Facebook.com/Mike.Gormley.Caller
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 20480. Re: [ic706] Re: Icom 706 reliability

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-11 07:18:17 UTC
From: Mike Rodgers
Topic: 20472  Message: 20480

My mark 2 seem to run cooler in receive than my mark2g.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 7, 2013, at 9:23 AM, "John G." <af5cc@...> wrote:

> Thanks for the reply Ralph. I have heard from at least one Icom tech. that the MKII was the best built and most reliable of the models.
>
> 73 John AF5CC
> ----- Original Message -----
> From: zl1tbg
> To: ic706@yahoogroups.com
> Sent: Sunday, April 07, 2013 5:09 AM
> Subject: [ic706] Re: Icom 706 reliability
>
> I have an original and a Mk2g.
>
> Both have been used extensively mostly as mobiles.
> The original has had 1 relay on the filter board fail, which affected one of the HF segments, new relays were a stock item at RS Components - might be Newark in some countries.
>
> The Mk2g has had lots more failures, including the power relay, and the relays are different to the original radios and are not a stock item. I just soldered the power relay on because cleaning it didnt last.
>
> If I needed another it would be a Mk2 or the original. Note that the Mk2 has bipolars in the finals, and Mk2g can have 3 different PA finals, the early ones not obtainable.
>
> Ralph ZL1TBG
>
> --- In ic706@yahoogroups.com, Joe Isabella <n3ji@...> wrote:
> >
> > I've had to replace control components, but not the relays themselves. At least so far. But that was my own fault -- tuned across a band border testing an antenna for SWR dip. Bad idea. Â I believe it was the 6m filter was stuck inline full time (shorted transistor or diode, can't recall now). Â Even though the other bands would switch in normally, the impedance was screwy.
> >

> > Joe, N3JI
> >
> >
> > _____
> > From: John G. <af5cc@...>
> > To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@yahoogroups.com
> > Sent: Saturday, April 6, 2013 1:49 PM
> > Subject: [ic706] Icom 706 reliability
> >
> >
> > Â
> > Recently I sent an email out looking for the filter board for an Icom 706 original because some of the bandpass filter relays on mine are going bad and I thought it might be easier to replace the entire board. I heard back from 1 or 2 other people saying they needed the same board.
> >
> > That got me wondering, is this a common problem with the Icom 706 original? It is getting to be 16 years old or so. Are other common problems starting to show up in them that I should be aware of?
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20481. WTB: Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-14 03:11:01 UTC
From: John G.
Topic: 20481  Message: 20481

I am looking for a good working Icom 706 original. Physical condition isn't real important as long as it works ok. Only need the power cord and hand mic with it, but will take other accessories also if you have them and what to sell it as a package deal. Let me know your price shipped to Lawton, OK Zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20482. Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-16 21:58:31 UTC
From: KAWill
Topic: 20482  Message: 20482

How should the frequency accuracy of the IC-706MKIIG vary from band to band?

I became interested in the ARRL Frequency Measuring Test and starting learning how to use Spectrum Analysis programs such as Spectran and Spectrum Lab.

Here are some results that I wrote down yesterday listening to WWV and CHU.

10.00 MHz - USB - Frequency display off 52 Hz
15.00 MHz - USB - Frequency display off 114 Hz
20.00 MHz - USB - Frequency display off 112 Hz

These numbers don't seem entirely consistent.

Changing to CHU the frequency display was off 85 Hz.

I was using Spectran running on my PC and it appears to be quite accurate. With the radio in AM mode, Spectran accurately measured the 500 Hz and 600 Hz tones that are broadcast by WWV and the accuracy was within 0.5 Hz.

The tests above were done in USB mode after setting the transceiver frequency 1 KHz from the WWV or CHU frequency, and then measuring the frequency of the audio signal which should be 1 KHz.

Thanks, Kent

AA6P

# 20483. Re: [ic706] Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-16 23:52:53 UTC
From: Ralph Mowery
Topic: 20482  Message: 20483

I ran a quick test with my mk2g.  I used a HP 8924c service monitor.  It will show WWV at 20 mhz to either 20 mhz or 19. all 9s to the last cycle.
I set the generator to the following frequencies and tuned the mk2g down 1 khz by the dial on the mk2g in the usb mode.  Read the audio frequency of the mk2g  with the 89324c audio input.  It will read to 2 decimal places.  I just rounded to the nearest cycle.
The mk2g showed to be 2 cps low at 3.8 mhz and 5 cps low at 28 mhz on the 8924c counter when transmitting in the rtty position.

| 3.8 mhz | 1000 hz audio tone |
|---|---|
| 7.3 | 1000 |
| 10.10 | 1002 |
| 14.2 | 1002 |
| 21.0 | 1003 |
| 24.9 | 1004 |
| 28.4 | 1005 |
| 52.4 | 1010 |
| 145.8 | 1038 |
| 443.9 | 1121 |

The 8924c was set to the above frequencies and the mk2g was tuned down 1000 hz on the dial.  The tone was then read off the audio counter in the 8924c and that is in the second colum above.

--- On Tue, 4/16/13, KAWill <kawill70@...> wrote:

From: KAWill <kawill70@...>
Subject: [ic706] Frequency Accuracy - Band to Band
To: ic706@yahoogroups.com
Date: Tuesday, April 16, 2013, 5:58 PM

How should the frequency accuracy of the IC-706MKIIG vary from band to band?

I became interested in the ARRL Frequency Measuring Test and starting learning how to use Spectrum Analysis programs such as Spectran and Spectrum Lab.

Here are some results that I wrote down yesterday listening to WWV and CHU.

10.00 MHz - USB - Frequency display off 52 Hz
15.00 MHz - USB - Frequency display off 114 Hz
20.00 MHz - USB - Frequency display off 112 Hz

These numbers don't seem entirely consistent.

Changing to CHU the frequency display was off 85 Hz.

I was using Spectran running on my PC and it appears to be quite accurate.  With the radio in AM mode, Spectran accurately measured the 500 Hz and 600 Hz tones that are broadcast by WWV and the accuracy was within 0.5 Hz.

The tests above were done in USB mode after setting the transceiver frequency 1 KHz from the WWV or CHU frequency, and then measuring the frequency of the audio signal which should be 1 KHz.

Thanks, Kent

AA6P

/

[Non-text portions of this message have been removed]

# 20484. Re: [ic706] Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 03:20:48 UTC
From: Mark Brueggemann
Topic: 20482  Message: 20484

--- On Tue, 4/16/13, KAWill <kawill70@...> wrote:

> I became interested in the ARRL Frequency Measuring Test and
> starting learning how to use Spectrum Analysis programs such
> as Spectran and Spectrum Lab.

Did you verify/set your soundcard reference?

Mark K5LXP
Albuquerque, NM

# 20485. Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 04:17:12 UTC
From: Costas K
Topic: 20482  Message: 20485

On 2013-04-17 00:58, KAWill <kawill70@...> wrote:

> I became interested in the ARRL Frequency Measuring Test
> and starting learning how to use Spectrum Analysis programs
> such as Spectran and Spectrum Lab.

I have also participated in ARRL FMT with IC-706 MkII. I
find this radio useful for these tests, because I can
set the display directly to a resolution of 1 Hz. Many
good radios have a best resolution setting of 10 Hz.
I use GB3RAL beacon software as a spetrum display.

> Here are some results that I wrote down yesterday listening
> to WWV and CHU.

I have been aware of this issue for a long time. For ARRL
FMT I prefer to calibrate the system IC-706+soundcard
+software against at least two standard frequency signals.
For example for a 7 MHz FMT I can calibrate against RWM
on 4996 kHz and CHU on 7850 kHz.

Then I ran a small linear correction routine to calculate
the offset on the frequncy of interest. It is in the
form of a small Excel table.

There is also a clever utility developed by Joe Taylor,
K1JT, to perform exactly this task for WSPR weak signal
work. You may download the manual here:

http://physics.princeton.edu/pulsar/K1JT/FMT_User.pdf

73 Costas SV1XV

--
+-----------------------------------------------------------+
| Costas Krallis SV1XV * LOC KM18UA |
| P.O.Box 3066 * E-Mail: |
| GR-10210 Athens * PGP key: 0x07F2AAD0 |
| GREECE * http://www.qsl.net/sv1xv/ |
+-----------------------------------------------------------+

# 20486. Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 05:01:19 UTC
From: KAWill
Topic: 20482  Message: 20486

Thanks Ralph, Mark, and Costas for your help.

Ralph's data looks consistent and what I would expect. I did not calibrate the spectrum analyzer program so will try that next. It appears that Spectrum Lab is calibrated via the options menu and I will see if Spectran has a similar capability.

Costas, I think you implied that you have seen similar inconsistency in your IC-706MkII. I wonder if the PLL function could possibly be a factor at different frequencies.

I believe the spectrum analyzer calibration compensates for inaccuracy and tolerance of the quartz oscillator in the PC. What about temperature or voltage changes that affect the frequency of that quartz oscillator? I'm wondering if any changes are significant enough to add to measurement error.

73, Kent

AA6P

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> I ran a quick test with my mk2g.  I used a HP 8924c service monitor.  It will show WWV at 20 mhz to either 20 mhz or 19. all 9s to the last cycle.
> I set the generator to the following frequencies and tuned the mk2g down 1 khz by the dial on the mk2g in the usb mode.  Read the audio frequency of the mk2g  with the 89324c audio input.  It will read to 2 decimal places.  I just rounded to the nearest cycle.
> The mk2g showed to be 2 cps low at 3.8 mhz and 5 cps low at 28 mhz on the 8924c counter when transmitting in the rtty position.
>
> 3.8 mhz  1000 hz audio tone
> 7.3         1000
> 10.10      1002
> 14.2        1002
> 21.0        1003
> 24.9        1004
> 28.4        1005
> 52.4        1010
> 145.8      1038
> 443.9      1121
>
> The 8924c was set to the above frequencies and the mk2g was tuned down 1000 hz on the dial.  The tone was then read off the audio counter in the 8924c and that is in the second colum above.
>
>
>
>

>
>
> --- On Tue, 4/16/13, KAWill <kawill70@...> wrote:
>
>
> From: KAWill <kawill70@...>
> Subject: [ic706] Frequency Accuracy - Band to Band
> To: ic706@yahoogroups.com
> Date: Tuesday, April 16, 2013, 5:58 PM
>
>
> How should the frequency accuracy of the IC-706MKIIG vary from band to band?
>
> I became interested in the ARRL Frequency Measuring Test and starting learning how to use Spectrum Analysis programs such as Spectran and Spectrum Lab.
>
> Here are some results that I wrote down yesterday listening to WWV and CHU.
>
> 10.00 MHz - USB - Frequency display off 52 Hz
> 15.00 MHz - USB - Frequency display off 114 Hz
> 20.00 MHz - USB - Frequency display off 112 Hz
>
> These numbers don't seem entirely consistent.
>
> Changing to CHU the frequency display was off 85 Hz.
>
> I was using Spectran running on my PC and it appears to be quite accurate.  With the radio in AM mode, Spectran accurately measured the 500 Hz and 600 Hz tones that are broadcast by WWV and the accuracy was within 0.5 Hz.
>
> The tests above were done in USB mode after setting the transceiver frequency 1 KHz from the WWV or CHU frequency, and then measuring the frequency of the audio signal which should be 1 KHz.
>
> Thanks, Kent
>
> AA6P
>
> /
>
>
>
> [Non-text portions of this message have been removed]
>

# 20487. Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 06:28:00 UTC
From: Costas K
Topic: 20482  Message: 20487

On 17/04/2013 08:01 πμ, KAWill <kawill70@...> wrote:

> Costas, I think you implied that you have seen similar
> inconsistency in your IC-706MkII. I wonder if the
> PLL function could possibly be a factor at different frequencies.

These tranceivers have a master oscillator, but the
factors entering in the frequency synthesis process
are different on each band. See the paper of K1JT.

> I believe the spectrum analyzer calibration compensates
> for inaccuracy and tolerance of the quartz oscillator in the PC.
> What about temperature or voltage changes that affect the frequency
> of that quartz oscillator? I'm wondering if any changes are
> significant enough to add to measurement error.

Indeed, there are quite a few sources of frequency bias
and each one with its own uncertainties.

Instead of fighting against each frequency bias and
uncertainty separately, which I cannot achieve without
properly calibrated test equipment, I prefer to calibrate
the entire receiving system at once against off-air
frequency standards. I'm aware that this way I introduce
the uncertainty of Doppler effect to the calibration.
Doppler effect was negligible in FTM of November 2012
but very noticeable in April 2013 on 14 MHz.

Regarding thermal and voltage stability, I leave the
receiving system on for at least 6 hours before the FMT.

My results in the last two FMT tests have been very
encouraging, especially if you consider my distance
from the transmitters, local noise and poor receiving
antennas.

73 Costas SV1XV
Athens, Greece

# 20488. Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 20:37:07 UTC
From: KAWill
Topic: 20482  Message: 20488

Costas, Thanks once again for all the help. I repeated my tests and the results are now consistent. My IC-706MKIIG frequency readout is approximately 60 hz high at 10 Mhz and the same percentage error is seen at higher frequencies. I repeated my readings several times on different bands and was surprised to see the IC-706MKIIG drift 10 Hz during that time. It appeared to be slowly stabilizing. These radios get quite warm even in receive mode.

I switched to Spectrum Lab as it seems easier to use. My earlier readings at 15 Mhz were incorrect using Spectran. It was probably not displaying the correct frequency range at the time and I must have read some other frequency peak. When set up for the highest resolution it seems a little difficult to scroll the frequency display up and down.

Spectrum Lab was very close measuring the 500 Hz and 600 Hz tones on WWV and I did not even need to adjust the calibration. In regards to the quartz oscillator in the PC, I agree that it also needs to be warmed up. I don't know how much temperature drift might be expected, but even 0.01% would represent only 0.1 Hz for a 1 Khz audio frequency.

73, Kent

AA6P

--- In ic706@yahoogroups.com, "Costas K" <kkrallis@...> wrote:
>
> On 17/04/2013 08:01 πμ, KAWill <kawill70@...> wrote:
>
> > Costas, I think you implied that you have seen similar
> > inconsistency in your IC-706MkII. I wonder if the
> > PLL function could possibly be a factor at different frequencies.
>
> These tranceivers have a master oscillator, but the
> factors entering in the frequency synthesis process
> are different on each band. See the paper of K1JT.
>
> > I believe the spectrum analyzer calibration compensates
> > for inaccuracy and tolerance of the quartz oscillator in the PC.
> > What about temperature or voltage changes that affect the frequency
> > of that quartz oscillator? I'm wondering if any changes are
> > significant enough to add to measurement error.
>
> Indeed, there are quite a few sources of frequency bias
> and each one with its own uncertainties.
>
> Instead of fighting against each frequency bias and
> uncertainty separately, which I cannot achieve without
> properly calibrated test equipment, I prefer to calibrate
> the entire receiving system at once against off-air
> frequency standards. I'm aware that this way I introduce

> the uncertainty of Doppler effect to the calibration.
> Doppler effect was negligible in FTM of November 2012
> but very noticeable in April 2013 on 14 MHz.
>
> Regarding thermal and voltage stability, I leave the
> receiving system on for at least 6 hours before the FMT.
>
> My results in the last two FMT tests have been very
> encouraging, especially if you consider my distance
> from the transmitters, local noise and poor receiving
> antennas.
>
> 73 Costas SV1XV
> Athens, Greece
>

# 20489. Re: [ic706] Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 21:06:28 UTC
From: Mark Brueggemann
Topic: 20482  Message: 20489

--- On Wed, 4/17/13, KAWill <kawill70@...> wrote:

> I repeated my readings several times on different bands and
> was surprised to see the IC-706MKIIG drift 10 Hz during that time.

Do you have the TCXO? I know that helped with stability running meteor scatter with my 746Pro on 2M.

Mark K5LXP
Albuquerque, NM

# 20490. Re: [ic706] Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-17 21:10:13 UTC
From: AG0N-3055
Topic: 20482  Message: 20490

On Wed, 17 Apr 2013 20:37:07 -0000, KAWill wrote:

> Spectrum Lab was very close measuring the 500 Hz and 600 Hz tones on WWV and I did not even need to adjust the calibration. In regards to the quartz oscillator in the PC, I agree that it also needs to be warmed up. I don't know how much temperature drift might be expected, but even 0.01% would represent only 0.1 Hz for a 1 Khz audio frequency.

Easy check of test equipment calibration: Use FLDIGI analysis mode and count the 500/600Hz tones ON AM, not SSB. Once you see where you are, simply switch to SSB and count it again (making sure you are on frequency dot zero zero zero. FLDIGI is normally within .01Hz or less on the AM check on my computer. You use AM to eliminate any tuning of off frequency inaccuracy of the radio or the test equipment. Going to SSB then gives you the 500/600 tone including tuning error. On SSB, you will also see effects of Doppler, etc., so be sure you have a good strong stable signal from them.

FYI, the 7000 has TCXO and is much more stable, but still drifts as it warms up.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20491. Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 06:04:52 UTC
From: bass2444
Topic: 20491  Message: 20491

I've just received a used IC-706MKIIg that I'm setting up. There must be software for controlling the settings on the 706MKIIg what with a thousand memory locations to enter and maintain.

I've seen advertised the ICOM CT17 communications interface V Level Converter. I found the Instruction Manual on the internet but it
contains a bunch of BASIC programs. Is this the device I need for
computer control of the settings? If not, what software/hardware do I
need to maintain a spreadsheet on my PC and output to the IC706?

Thanks in advance. Bert KG6HIZ

# 20492. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 17:46:10 UTC
From: LARRY J. FORD
Topic: 20491  Message: 20492

RT Systems sells cables, but no programming software, for the 706 (or a good, working CI-V cable will work). For software, try:

http://www.arachnoid.com/JRX/index.html

OR

http://www.arachnoid.com/IcomProgrammer/index.html

I have used neither one, although I have both an "original" IC-706 and an IC-706MKII. Might give one or the other a try, however.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 18 Apr 2013 01:29:41 PM EDT
From: "bass2444" <bass2444@...>
To: ic706@yahoogroups.com
Subject: [ic706] Software for the 706

> I've just received a used IC-706MKIIg that I'm setting up. There must be software for controlling the settings on the 706MKIIg what with a thousand memory locations to enter and maintain.
>
> I've seen advertised the ICOM CT17 communications interface V Level Converter. I found the Instruction Manual on the internet but it
> contains a bunch of BASIC programs. Is this the device I need for
> computer control of the settings? If not, what software/hardware do I
> need to maintain a spreadsheet on my PC and output to the IC706?
>
> Thanks in advance. Bert KG6HIZ
>
>
>
>
>

# 20493. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 18:46:59 UTC
From: Ralph Mowery
Topic: 20491  Message: 20493

Look on ebay for some interface cables.  Icom wants over $ 100 for them and they are way less than that on ebay.  Here is one for about $ 20.

Item number:
121093559718

The Icom idiots left out lots of memory items that are sent down the cable.  I don't recall exectally what they are, but maybe the subaudio tones for the repeaters.  That means that no softwear will be able to save the whole setup or send certain commands to the 706.

--- On Thu, 4/18/13, bass2444 <bass2444@...> wrote:

From: bass2444 <bass2444@...>
Subject: [ic706] Software for the 706
To: ic706@yahoogroups.com
Date: Thursday, April 18, 2013, 2:04 AM

I've just received a used IC-706MKIIg that I'm setting up.  There must be software for controlling the settings on the 706MKIIg what with a thousand memory locations to enter and maintain.

I've seen advertised the ICOM CT17 communications interface V Level Converter.  I found the Instruction Manual on the internet but it
contains a bunch of BASIC programs.  Is this the device I need for
computer control of the settings?  If not, what software/hardware do I
need to maintain a spreadsheet on my PC and output to the IC706?

Thanks in advance.  Bert  KG6HIZ

[Non-text portions of this message have been removed]

# 20494. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 19:24:39 UTC
From: Mike Urso
Topic: 20491  Message: 20494

I picked up a couple of the CT17 adapters from China on Ebay. $9.95 each. I use HRD to access and setup the 706mk2g, the 746, and the 756pro3. Works great and a ton cheaper that the programs I have seen.

Mike K9FE

----- Original Message -----
From: "bass2444" <bass2444@...>
To: ic706@yahoogroups.com
Sent: Thursday, April 18, 2013 1:04:52 AM
Subject: [ic706] Software for the 706

I've just received a used IC-706MKIIg that I'm setting up. There must be software for controlling the settings on the 706MKIIg what with a thousand memory locations to enter and maintain.

I've seen advertised the ICOM CT17 communications interface V Level Converter. I found the Instruction Manual on the internet but it
contains a bunch of BASIC programs. Is this the device I need for
computer control of the settings? If not, what software/hardware do I
need to maintain a spreadsheet on my PC and output to the IC706?

Thanks in advance. Bert KG6HIZ

[Non-text portions of this message have been removed]

# 20495. Re: SSB modulation - follow up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 20:56:53 UTC
From: kc7qop
Topic: 20438  Message: 20495

Thanks to everybody for the advice. As Rob suggested, I unhooked the coax from the antenna and ran it to a dummy load, and everything worked fine, so I knew it was an antenna problem. I cut the plastic covering off the Hustler 20m resonator and found a bit of water inside. I flushed everything with alcohol, dried it out, and covered it with that rubber dipping stuff made for cushioning hand tools. It seems to be working fine now.

One thing that threw me off a little was running the SWR graph function from the 706. It showed a nice, low SWR, so I initially thought the antenna was OK. However, comma, we know the SWR graph runs at only a fraction of full power, so it wasn't recreating the problem I had when I tried to transmit at 100W. Evidently, the moisture was just enough to cause problems at full power, but not at low power.

Anyway, I'm back on 20 meters. If you hear me on the County Hunter net at 14.336 and then you don't hear me, you'll know the problem is back. Here's hoping... 73 - Lee

--- In ic706@yahoogroups.com, "kc7qop" <leeshissler@...> wrote:
>
> I have a 706=IIG in my car. On 20m SSB it does not modulate. I press the PTT and the power out bar goes to 50% and stays there, unaffected by talking into the mic. If I switch to 40m SSB it acts normally. I did the factory reset with no change. I plan to do the usual contact cleaning, etc. unless anyone has a specific cure. Thanks. --Lee
>

# 20496. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 21:44:41 UTC
From: Paul Naumann
Topic: 20491  Message: 20496

Is this real? Can I really program the memories in my 706MKII from a PC? I have looked for years for this. If these programs will program the alpha characters for each memory slot from a spread sheet, I am first in line. KD0X Paul.

-----Original Message-----
From: LARRY J. FORD <lford@usa.net>
To: ic706 <ic706@yahoogroups.com>
Sent: Thu, Apr 18, 2013 11:46 am
Subject: Re: [ic706] Software for the 706

RT Systems sells cables, but no programming software, for the 706 (or a good, working CI-V cable will work). For software, try:

http://www.arachnoid.com/JRX/index.html

OR

http://www.arachnoid.com/IcomProgrammer/index.html

I have used neither one, although I have both an "original" IC-706 and an IC-706MKII. Might give one or the other a try, however.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 18 Apr 2013 01:29:41 PM EDT
From: "bass2444" <bass2444@gmail.com>
To: ic706@yahoogroups.com
Subject: [ic706] Software for the 706

> I've just received a used IC-706MKIIg that I'm setting up. There must be software for controlling the settings on the 706MKIIg what with a thousand memory locations to enter and maintain.
>
> I've seen advertised the ICOM CT17 communications interface V Level Converter. I found the Instruction Manual on the internet but it
> contains a bunch of BASIC programs. Is this the device I need for
> computer control of the settings? If not, what software/hardware do I
> need to maintain a spreadsheet on my PC and output to the IC706?
>
> Thanks in advance. Bert KG6HIZ
>
>
>
>
>

[Non-text portions of this message have been removed]

# 20497. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 22:05:01 UTC
From: LARRY J. FORD
Topic: 20491  Message: 20497

Well, it's "real" enough to be listed on some very extensive websites. Aside from that, I don't know, as I stated in my posting:

"I have used neither one, although I have both an 'original' IC-706 and an IC-706MKII. Might give one or the other a try, however."

I believe, however, there is a caveat listed in the descriptions of one or more of the programs about the inability of the 706 line to accept alpha-numeric "descriptions" for memory slots.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 18 Apr 2013 05:45:33 PM EDT
From: Paul Naumann <PDNAUMANN@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Software for the 706

> Is this real? Can I really program the memories in my 706MKII from a PC? I have looked for years for this. If these programs will program the alpha characters for each memory slot from a spread sheet, I am first in line.
KD0X Paul.
>
>
>
> -----Original Message-----
> From: LARRY J. FORD <lford@usa.net>
> To: ic706 <ic706@yahoogroups.com>
> Sent: Thu, Apr 18, 2013 11:46 am
> Subject: Re: [ic706] Software for the 706
>
>
>
>
> RT Systems sells cables, but no programming software, for the 706 (or a good,
> working CI-V cable will work). For software, try:
>
> http://www.arachnoid.com/JRX/index.html
>
> OR
>
> http://www.arachnoid.com/IcomProgrammer/index.html
>
> I have used neither one, although I have both an "original" IC-706 and an

> IC-706MKII. Might give one or the other a try, however.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Thu, 18 Apr 2013 01:29:41 PM EDT
> From: "bass2444" <bass2444@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Software for the 706
>
> > I've just received a used IC-706MKIIg that I'm setting up. There must be
> software for controlling the settings on the 706MKIIg what with a thousand
> memory locations to enter and maintain.
> >
> > I've seen advertised the ICOM CT17 communications interface V Level
> Converter. I found the Instruction Manual on the internet but it
> > contains a bunch of BASIC programs. Is this the device I need for
> > computer control of the settings? If not, what software/hardware do I
> > need to maintain a spreadsheet on my PC and output to the IC706?
> >
> > Thanks in advance. Bert KG6HIZ
> >
> >
> >
> >
> >
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20498. Re: [ic706] Software for the 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-18 22:09:45 UTC
From: Paul Naumann
Topic: 20491  Message: 20498

Thanks Larry. You have helped a lot of people on this web site for YEARS.

Hot tip for hams - Google 'Ham Nation' for a weekly ham TV show - very cool.

-----Original Message-----
From: LARRY J. FORD <lford@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Thu, Apr 18, 2013 4:05 pm
Subject: Re: [ic706] Software for the 706

Well, it's "real" enough to be listed on some very extensive websites. Aside from that, I don't know, as I stated in my posting:

"I have used neither one, although I have both an 'original' IC-706 and an IC-706MKII. Might give one or the other a try, however."

I believe, however, there is a caveat listed in the descriptions of one or more of the programs about the inability of the 706 line to accept alpha-numeric "descriptions" for memory slots.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Thu, 18 Apr 2013 05:45:33 PM EDT
From: Paul Naumann <PDNAUMANN@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Software for the 706

> Is this real? Can I really program the memories in my 706MKII from a PC? I have looked for years for this. If these programs will program the alpha characters for each memory slot from a spread sheet, I am first in line.
KD0X Paul.
>
>
>
> -----Original Message-----
> From: LARRY J. FORD <lford@...>
> To: ic706 <ic706@yahoogroups.com>
> Sent: Thu, Apr 18, 2013 11:46 am
> Subject: Re: [ic706] Software for the 706
>
>
>
>
> RT Systems sells cables, but no programming software, for the 706 (or a good,

> working CI-V cable will work). For software, try:
>
> http://www.arachnoid.com/JRX/index.html
>
> OR
>
> http://www.arachnoid.com/IcomProgrammer/index.html
>
> I have used neither one, although I have both an "original" IC-706 and an
> IC-706MKII. Might give one or the other a try, however.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Thu, 18 Apr 2013 01:29:41 PM EDT
> From: "bass2444" <bass2444@gmail.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] Software for the 706
>
> > I've just received a used IC-706MKIIg that I'm setting up. There must be
> software for controlling the settings on the 706MKIIg what with a thousand
> memory locations to enter and maintain.
> >
> > I've seen advertised the ICOM CT17 communications interface V Level
> Converter. I found the Instruction Manual on the internet but it
> > contains a bunch of BASIC programs. Is this the device I need for
> > computer control of the settings? If not, what software/hardware do I
> > need to maintain a spreadsheet on my PC and output to the IC706?
> >
> > Thanks in advance. Bert KG6HIZ
> >
> >
> >
> >
> >
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20499. Re: Frequency Accuracy - Band to Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-19 19:05:47 UTC
From: KAWill
Topic: 20482  Message: 20499

Gary - I installed FLDIGI and set it for Analysis Mode. The results are excellent as you mentioned and essentially the same as Spectrum Lab. Thanks for the suggestion and also to switch from AM mode to USB. I had run Spectrum Lab while receiving WWV in AM mode and that is great for checking the accuracy on the 500 Hz and 600 Hz tones.

Thanks to all once again for the help. Mark - I don't have the TXCO and I definitely notice the frequency drift for a long time after power-on.

73, Kent

AA6P

--- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
>
> On Wed, 17 Apr 2013 20:37:07 -0000, KAWill wrote:
>
> > Spectrum Lab was very close measuring the 500 Hz and 600 Hz tones on WWV and I did not even need to adjust the calibration. In regards to the quartz oscillator in the PC, I agree that it also needs to be warmed up. I don't know how much temperature drift might be expected, but even 0.01% would represent only 0.1 Hz for a 1 Khz audio frequency.
>
> Easy check of test equipment calibration: Use FLDIGI analysis mode and
> count the 500/600Hz tones ON AM, not SSB. Once you see where you are,
> simply switch to SSB and count it again (making sure you are on
> frequency dot zero zero zero. FLDIGI is normally within .01Hz or less
> on the AM check on my computer. You use AM to eliminate any tuning of
> off frequency inaccuracy of the radio or the test equipment. Going to
> SSB then gives you the 500/600 tone including tuning error. On SSB, you
> will also see effects of Doppler, etc., so be sure you have a good
> strong stable signal from them.
>
> FYI, the 7000 has TCXO and is much more stable, but still drifts as it
> warms up.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

# 20500. Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-19 14:27:20 UTC
From: Charlier26
Topic: 20500  Message: 20500

Do the filters just PLUG in, or do you have to solder them in like in the IC-735?

Thanks

Charlie KB8BWE

# 20501. Re: [ic706] Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-19 21:05:02 UTC
From: John G.
Topic: 20500  Message: 20501

They are plug in You can only put 1 in the 706 original, but 2 in the MKII and MKIIG. Might have a 500hz filter for sale soon if you are looking for one.

73 John AF5CC

----- Original Message -----
From: Charlier26
To: ic706@yahoogroups.com
Sent: Friday, April 19, 2013 2:27 PM
Subject: [ic706] Installing filters in Original 706

Do the filters just PLUG in, or do you have to solder them in like in the IC-735?

Thanks

Charlie KB8BWE

[Non-text portions of this message have been removed]

# 20502. Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-20 16:07:57 UTC
From: <W4RON@...>
Topic: 20500  Message: 20502

Since we're talking about filters for the 706,
I understand they don't make an AM filter for the 706,
is there a filter I could use that would help when I try
to work AM and the slop buckets just overwhelm my receive?

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20503. RE: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 02:06:17 UTC
From: Joe
Topic: 20500  Message: 20503

Yes- the 2.8 kHz SSB filter does a very good job as a narrow AM filter. I believe it may have been discontinued though. If you can find one, I do believe the radio selects the wide SSB filter when you select AM narrow. The standard SSB filter is selected now, but I think it's a bit too narrow for the job...

Joe, N3JI

-------- Original message --------
From: W4RON@carolina.rr.com
Date: 04/20/2013 11:07 (GMT-06:00)
To: ic706@yahoogroups.com
Subject: [ic706] Re: Installing filters in Original 706

Since we're talking about filters for the 706,
I understand they don't make an AM filter for the 706,
is there a filter I could use that would help when I try
to work AM and the slop buckets just overwhelm my receive?

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

[Non-text portions of this message have been removed]

# 20504. Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-20 21:44:22 UTC
From: Michael Heit
Topic: 20500  Message: 20504

I have a IC706 MKII and am interested in maybe installing filters in it; but what exactly do these filters do? Are they notch filters, or bandpass?? What would the advantage be if I am usually doing PSK31 or voice SSB? I've not completely been able to see the total value of a "roofing filter" ... why not just build them in as part of the unit to begin with? I do use RTTY and CW as well ....

Michael Heit
North Pole, Alaska 99705
http://calvaryfairbanks.org/

"You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe Sanh, RVN 1968

"What is the meaning of a gold standard and a redeemable currency?  It represents integrity.  It insures the people’s control over the government’s use of the public purse.  It is the best guarantee against the socialization of a nation.  It enables a people to keep the government and banks in check.  It prevents currency expansion from getting ever farther out of bounds until it becomes worthless.  It tends to force standards of honesty on government and bank officials.  It is the symbol of a free society and an honorable government.  It is a necessary prerequisite to economic health.  It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University

The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: “A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it.”  McHenry’s notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)

[Non-text portions of this message have been removed]

# 20505. Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-20 22:32:56 UTC
From: Charlier26
Topic: 20500  Message: 20505

Let me know, John. I am in the market.

Charlie

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> They are plug in You can only put 1 in the 706 original, but 2 in the MKII and MKIIG. Might have a 500hz filter for sale soon if you are looking for one.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: Charlier26
> To: ic706@yahoogroups.com
> Sent: Friday, April 19, 2013 2:27 PM
> Subject: [ic706] Installing filters in Original 706
>
>
>
> Do the filters just PLUG in, or do you have to solder them in like in the IC-735?
>
> Thanks
>
> Charlie KB8BWE
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20506. Re: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 17:01:44 UTC
From: Ralph Mowery
Topic: 20500  Message: 20506

They are band pass filters.  The ssb filter that comes with the mk2 is about 2,7 khz wide. You can look up the exect value.  That is about the same width as it takes for the human voice to be fully understood.  It can be understood if it is only about 1.8 khz wide, but will not sound very good.  The cw filter can be had at about 500 hz.  For cw this will let you seperate signals that are closer together.

Often the filters were left out due to the cost. Many rigs are now comming  with digital filtering and no options are needed for narrow filtering.  For hams that do not work cw, the wider ssb filter is good enough.  That cuts about $ 100 offf the price of the rig, and also gives the makers a lot more profit when they sell the filters seperate.

--- On Sat, 4/20/13, Michael Heit <michaelheit@yahoo.com> wrote:

From: Michael Heit <michaelheit@...>
Subject: [ic706] Re: Installing filters in Original 706
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Saturday, April 20, 2013, 5:44 PM

I have a IC706 MKII and am interested in maybe installing filters in it; but what exactly do these filters do? Are they notch filters, or bandpass?? What would the advantage be if I am usually doing PSK31 or voice SSB? I've not completely been able to see the total value of a "roofing filter" ... why not just build them in as part of the unit to begin with? I do use RTTY and CW as well ....

Michael Heit
North Pole, Alaska 99705
http://calvaryfairbanks.org/

[Non-text portions of this message have been removed]

# 20507. Re: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 17:41:28 UTC
From: Mike Rodgers
Topic: 20500  Message: 20507

These radios were made well before the current "roofing filter " came to be so popular. They are not so different in a way. I also have a current rig with roofing filters.

The 706MK2 and G and I suppose the origional 706 come with a 2.4 filter.
I can't imagine someone not wanting the 1.9 ssb narrow filter to reduce nearby QRM but if you operate very very casual maybe not. I guess it all depends. If you do much on 20m it will probally be handy. Same if for the cw filter.

I think John in Lawton,OK is using the cw filter for RTTY.
I'm not up on the cw filters but there was a wide 2.8 and narrow 1.9 available for ssb.
It's all in the manual.

As for the AM recently discussed, I don't recall that ever coming up before and not sure but don't think any optional filters available for that.

I have used the MFJ dsp filter to further limit or notch the speaker audio with some success on ssb. CW guys have been using even basic audio filters with success for years to narrow the bandwidth to fight nearby QRM.

I used to have three 706's but have sold the MK2. One used to be my primary fixed station rig for about 6 years. I upgraded to a Elecraft K3 with
2.7 and 1.8 roofing filters for ssb.

Note that Roofing filters is a whole other can of worms and are not all able to perform the same so do your homework on that front.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 20, 2013, at 4:44 PM, Michael Heit <michaelheit@...> wrote:

> I have a IC706 MKII and am interested in maybe installing filters in it; but what exactly do these filters do? Are they notch filters, or bandpass?? What would the advantage be if I am usually doing PSK31 or voice SSB? I've not completely been able to see the total value of a "roofing filter" ... why not just build them in as part of the unit to begin with? I do use RTTY and CW as well ....
>
> Michael Heit
> North Pole, Alaska 99705
> http://calvaryfairbanks.org/
>
> "You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe

Sanh, RVN 1968
>
> "What is the meaning of a gold standard and a redeemable currency? It represents integrity. It insures the people’s control over the government’s use of the public purse. It is the best guarantee against the socialization of a nation. It enables a people to keep the government and banks in check. It prevents currency expansion from getting ever farther out of bounds until it becomes worthless. It tends to force standards of honesty on government and bank officials. It is the symbol of a free society and an honorable government. It is a necessary prerequisite to economic health. It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University
>
> The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: “A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it.” McHenry’s notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20508. Re: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 19:14:57 UTC
From: John G.
Topic: 20500  Message: 20508

Yes, I am using a 500HZ FL100 on RTTY, almost necessary in a RTTY contest. You just tell the rig that it is the FL223 instead and it lets you select it in SSB mode. You can get by with only the stock filters on SSB, but if you do much CW work at all you definitely need a narrower filter.

73 John AF5CC

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Sunday, April 21, 2013 5:41 PM
Subject: Re: [ic706] Re: Installing filters in Original 706

These radios were made well before the current "roofing filter " came to be so popular. They are not so different in a way. I also have a current rig with roofing filters.

The 706MK2 and G and I suppose the origional 706 come with a 2.4 filter.
I can't imagine someone not wanting the 1.9 ssb narrow filter to reduce nearby QRM but if you operate very very casual maybe not. I guess it all depends. If you do much on 20m it will probally be handy. Same if for the cw filter.

I think John in Lawton,OK is using the cw filter for RTTY.
I'm not up on the cw filters but there was a wide 2.8 and narrow 1.9 available for ssb. It's all in the manual.

As for the AM recently discussed, I don't recall that ever coming up before and not sure but don't think any optional filters available for that.

I have used the MFJ dsp filter to further limit or notch the speaker audio with some success on ssb. CW guys have been using even basic audio filters with success for years to narrow the bandwidth to fight nearby QRM.

I used to have three 706's but have sold the MK2. One used to be my primary fixed station rig for about 6 years. I upgraded to a Elecraft K3 with
2.7 and 1.8 roofing filters for ssb.

Note that Roofing filters is a whole other can of worms and are not all able to perform the same so do your homework on that front.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 20, 2013, at 4:44 PM, Michael Heit <michaelheit@...> wrote:

> I have a IC706 MKII and am interested in maybe installing filters in it; but what exactly do these filters do? Are they notch filters, or bandpass?? What would the advantage be if I am usually doing PSK31 or voice SSB? I've not completely been able to see the total value of a "roofing filter" ... why not just build them in as part of the unit to begin with? I do use RTTY and CW as well ....
>
> Michael Heit
> North Pole, Alaska 99705
> http://calvaryfairbanks.org/
>
> "You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe Sanh, RVN 1968
>
> "What is the meaning of a gold standard and a redeemable currency? It represents integrity. It insures the people’s control over the government’s use of the public purse. It is the best guarantee against the socialization of a nation. It enables a people to keep the government and banks in check. It prevents currency expansion from getting ever farther out of bounds until it becomes worthless. It tends to force standards of honesty on government and bank officials. It is the symbol of a free society and an honorable government. It is a necessary prerequisite to economic health. It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University
>
> The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: “A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it.” McHenry’s notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20509. Re: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 21:10:46 UTC
From: Joe Isabella
Topic: 20500  Message: 20509

Regarding the AM issue, the SSB filter is selected if you select the "NAR" or "FIL" softkey while in AM mode (with no other filters installed).  I no longer have a 706, but I used to run mine heavily on 75, 40, and 10m AM. I re-arranged my filters a bit, but I seem to remember that if you install a SSB-wide filter (and tell the rig as such), it will select it instead of the the stock SSB filter.  BTW, the stock SSB filter is pretty close to 2.4 kHz wide, the SSB-wide is spec'ed at 2.8, but I swept it and found it closer to 3.1 or 3.2 kHz (all at -6 dB points).

Joe, N3JI

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Sunday, April 21, 2013 12:41 PM
Subject: Re: [ic706] Re: Installing filters in Original 706

These radios were made well before the current "roofing filter " came to be so popular. They are not so different in a way. I also have a current rig with roofing filters.

The 706MK2 and G and I suppose the origional 706 come with a 2.4 filter.
I can't imagine someone not wanting the 1.9 ssb narrow filter to reduce nearby QRM but if you operate very very casual maybe not. I guess it all depends. If you do much on 20m it will probally be handy. Same if for the cw filter.

I think John in Lawton,OK is using the cw filter for RTTY.
I'm not up on the cw filters but there was a wide 2.8 and narrow 1.9 available for ssb.
It's all in the manual.

As for the AM recently discussed, I don't recall that ever coming up before and not sure but don't think any optional filters available for that.

I have used the MFJ dsp filter to further limit or notch the speaker audio with some success on ssb. CW guys have been using even basic audio filters with success for years to narrow the bandwidth to fight nearby QRM.

I used to have three 706's but have sold the MK2. One used to be my primary fixed station rig for about 6 years. I upgraded to a Elecraft K3 with
2.7 and 1.8 roofing filters for ssb.

Note that Roofing filters is a whole other can of worms and are not all able to perform the same so do your homework on that front.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 20, 2013, at 4:44 PM, Michael Heit <michaelheit@...> wrote:

> I have a IC706 MKII and am interested in maybe installing filters in it; but what exactly do these filters do? Are they notch filters, or bandpass?? What would the advantage be if I am usually doing PSK31 or voice SSB? I've not completely been able to see the total value of a "roofing filter" ... why not just build them in as part of the unit to begin with? I do use RTTY and CW as well ....
>
> Michael Heit
> North Pole, Alaska 99705
> http://calvaryfairbanks.org/
>
> "You have never lived, till you have almost died. And for those who fight for it, life has a flavor that the protected will never know." Penned on a sign at a command post at Khe Sanh, RVN 1968
>
> "What is the meaning of a gold standard and a redeemable currency? It represents integrity. It insures the people’s control over the government’s use of the public purse. It is the best guarantee against the socialization of a nation. It enables a people to keep the government and banks in check. It prevents currency expansion from getting ever farther out of bounds until it becomes worthless. It tends to force standards of honesty on government and bank officials. It is the symbol of a free society and an honorable government. It is a necessary prerequisite to economic health. It is the first economic bulwark of free men." - Walter E. Spahr, Professor of Economics at New York University
>
> The American Historical Review, vol. 11, 1906, and the anecdote on p. 618 reads: “A lady asked Dr. Franklin Well Doctor what have we got a republic or a monarchy. A republic replied the Doctor; if you can keep it.” McHenry’s notes were included in The Records of the Federal Convention of 1787, ed. Max Farrand, vol. 3, appendix A, p. 85 (1911, reprinted 1934)
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20510. Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 20:03:04 UTC
From: Adrian Rees (MW1LCR)
Topic: 20510  Message: 20510

Hi all

I have a 706MKII G and it seems to have killed two 144MHz FET Linears in pretty quick succession. A friend suggested that the problem may be the way the 706 deals with power output control. Apparently there is a 150 - 300 watt spike (only lasting Milli-seconds) on TX that is responsible.

Any one comment, ,,, is this correct and whats the suggested fix ?

Cheers

Adrian MW1LCR

# 20511. Original Icom 706 for Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-21 21:26:20 UTC
From: Art
Topic: 20511  Message: 20511

I have an original Icom 706 for sale in very good condition. Includes 2 power cables, mic and carrying case. $450

# 20512. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 03:29:20 UTC
From: Ralph Mowery
Topic: 20510  Message: 20512

The 706 puts out a full power spike every time it is keyed up.  The ALC then takes over and cuts the power back.  There is no known cure for that as far as I know..  Even if you cut the power back to 10 watts out, you still get a full power spike.

The only thing I know of is to run it at full power and put an attuenuater in line if you want less than full power.  Or get an amp that will handle the spike.

--- On Sun, 4/21/13, Adrian Rees (MW1LCR) <mw1lcr@...> wrote:

From: Adrian Rees (MW1LCR) <mw1lcr@...>
Subject: [ic706] Power Spike
To: ic706@yahoogroups.com
Date: Sunday, April 21, 2013, 4:03 PM

Hi all

I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
pretty quick succession. A friend suggested that the problem may be the
way the 706 deals with power output control. Apparently there is a
150 - 300 watt spike (only lasting Milli-seconds) on TX that is responsible.

Any one comment, ,,, is this correct and whats the suggested fix ?

Cheers

Adrian MW1LCR

[Non-text portions of this message have been removed]

# 20513. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 05:29:04 UTC
From: Mike Rodgers
Topic: 20510  Message: 20513

There is a spike on HF and probally on VHF too. I don't think it's possible to have that kind of spike on VHF with one final on VHF. I ran a TE Systems brick capable of 50w drive mobile for a couple years with no issues. In fact I've never heard of a problem on VHF with the spike.
To check for it, a scope or digital pep meter is needed.
The new Ic-7410 does this as well but it's a hf only rig.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 21, 2013, at 3:03 PM, "Adrian Rees (MW1LCR)" <mw1lcr@...> wrote:

> Hi all
>
> I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
> pretty quick succession. A friend suggested that the problem may be the
> way the 706 deals with power output control. Apparently there is a
> 150 - 300 watt spike (only lasting Milli-seconds) on TX that is responsible.
>
> Any one comment, ,,, is this correct and whats the suggested fix ?
>
> Cheers
>
> Adrian MW1LCR
>
>

[Non-text portions of this message have been removed]

# 20514. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 05:31:55 UTC
From: John G.
Topic: 20510  Message: 20514

I would think the spike would be at 50 watts for VHF since that is the output power before the ALC lowers it. You should be able to lower the power to the drive level for the amp by adjusting the 2m output pot inside the radio. Good luck!

73 John AF5CC

----- Original Message -----
From: Mike Rodgers
To: ic706@yahoogroups.com
Sent: Monday, April 22, 2013 5:29 AM
Subject: Re: [ic706] Power Spike

There is a spike on HF and probally on VHF too. I don't think it's possible to have that kind of spike on VHF with one final on VHF. I ran a TE Systems brick capable of 50w drive mobile for a couple years with no issues. In fact I've never heard of a problem on VHF with the spike.
To check for it, a scope or digital pep meter is needed.
The new Ic-7410 does this as well but it's a hf only rig.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 21, 2013, at 3:03 PM, "Adrian Rees (MW1LCR)" <mw1lcr@...> wrote:

> Hi all
>
> I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
> pretty quick succession. A friend suggested that the problem may be the
> way the 706 deals with power output control. Apparently there is a
> 150 - 300 watt spike (only lasting Milli-seconds) on TX that is responsible.
>
> Any one comment, ,,, is this correct and whats the suggested fix ?
>
> Cheers
>
> Adrian MW1LCR
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20515. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 14:21:34 UTC
From: LARRY J. FORD
Topic: 20510  Message: 20515

On HF at least, the 706s, as do many ICOMs (but of my ICOM rigs, the 706 series is the worst), have a reputation for a "leading edge power spikes" ("LEPS"), which is not totally alleviated by reducing the output power setting. (Other brands of rigs also exhibit the LEPS

On HF frequencies, I have measured up to 160 watts on key-down on an accurate, true "peak-reading" watt meter (Ameritron AWM-30). An average-reading watt meter won't show the spike.

Phil Salas, an RF engineer of some "fame" (contributing editor to QST), wrote about this issue, and devised a "fix" of sorts.

Web site here: www.ad5x.com

Article here:

http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf

On the other hand, don't know what brand of amp you were using, but I have used both my IC-706 (10 watts) and IC-706 (20 watts) into a Mirage 1080 and a Mirage 2516 2-meter amp, with no ill effects, and have not observed the same spike with the Daiwa 2-meter watt meter I have in line.

I'm not sure the HF LEPS applies to 2-meters in the 706 series.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 21 Apr 2013 11:18:00 PM EDT
From: "Adrian Rees (MW1LCR)" <mw1lcr@...>
To: ic706@yahoogroups.com
Subject: [ic706] Power Spike

> Hi all
>
> I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
> pretty quick succession. A friend suggested that the problem may be the
> way the 706 deals with power output control. Apparently there is a
> 150 - 300 watt spike (only lasting Milli-seconds) on TX that is
responsible.
>
> Any one comment, ,,, is this correct and whats the suggested fix ?
>
> Cheers
>
> Adrian MW1LCR

>
>

# 20516. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 15:16:57 UTC
From: John G.
Topic: 20510  Message: 20516

The QST review of the 706 series radios (3 different ones, one for each model) covered this issue, and said that it was much improved in the MKIIG. They also more or less say that it is only a problem in "carrier based modes" like CW, FM and AM. It won't occur in SSB because the ALC overshoot will be gone before you start to actually speak.

John AF5CC

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Monday, April 22, 2013 2:21 PM
Subject: Re: [ic706] Power Spike

On HF at least, the 706s, as do many ICOMs (but of my ICOM rigs, the 706 series is the worst), have a reputation for a "leading edge power spikes" ("LEPS"), which is not totally alleviated by reducing the output power setting. (Other brands of rigs also exhibit the LEPS

On HF frequencies, I have measured up to 160 watts on key-down on an accurate, true "peak-reading" watt meter (Ameritron AWM-30). An average-reading watt meter won't show the spike.

Phil Salas, an RF engineer of some "fame" (contributing editor to QST), wrote about this issue, and devised a "fix" of sorts.

Web site here: www.ad5x.com

Article here:

http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf

On the other hand, don't know what brand of amp you were using, but I have used both my IC-706 (10 watts) and IC-706 (20 watts) into a Mirage 1080 and a Mirage 2516 2-meter amp, with no ill effects, and have not observed the same spike with the Daiwa 2-meter watt meter I have in line.

I'm not sure the HF LEPS applies to 2-meters in the 706 series.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 21 Apr 2013 11:18:00 PM EDT
From: "Adrian Rees (MW1LCR)" <mw1lcr@...>
To: ic706@yahoogroups.com
Subject: [ic706] Power Spike

> Hi all
>
> I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
> pretty quick succession. A friend suggested that the problem may be the
> way the 706 deals with power output control. Apparently there is a
> 150 - 300 watt spike (only lasting Milli-seconds) on TX that is
responsible.
>
> Any one comment, ,,, is this correct and whats the suggested fix ?
>
> Cheers
>
> Adrian MW1LCR
>
>

[Non-text portions of this message have been removed]

# 20517. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 15:38:24 UTC
From: LARRY J. FORD
Topic: 20510  Message: 20517

I can't speak as to the 706MKIIG, as I have only the "original" 706 and the 706MKII, but the spike is there on HF for sure.

I have not observed it on VHF.

I note that on my IC-7200 the LEPS is not as bad.

I disagree about it not occurring in SSB mode, but, each to his own.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Apr 2013 11:17:23 AM EDT
From: "John G." <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Power Spike

> The QST review of the 706 series radios (3 different ones, one for each model) covered this issue, and said that it was much improved in the MKIIG. They also more or less say that it is only a problem in "carrier based modes" like CW, FM and AM. It won't occur in SSB because the ALC overshoot will be gone before you start to actually speak.
>
> John AF5CC
>
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com
> Sent: Monday, April 22, 2013 2:21 PM
> Subject: Re: [ic706] Power Spike
>
>
>
> On HF at least, the 706s, as do many ICOMs (but of my ICOM rigs, the 706
> series is the worst), have a reputation for a "leading edge power spikes"
> ("LEPS"), which is not totally alleviated by reducing the output power
> setting. (Other brands of rigs also exhibit the LEPS
>
> On HF frequencies, I have measured up to 160 watts on key-down on an accurate,
> true "peak-reading" watt meter (Ameritron AWM-30). An average-reading watt
> meter won't show the spike.
>
> Phil Salas, an RF engineer of some "fame" (contributing editor to QST),

wrote
> about this issue, and devised a "fix" of sorts.
>
> Web site here: www.ad5x.com
>
> Article here:
>
> http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
>
> On the other hand, don't know what brand of amp you were using, but I
have
> used both my IC-706 (10 watts) and IC-706 (20 watts) into a Mirage 1080
and a
> Mirage 2516 2-meter amp, with no ill effects, and have not observed the
same
> spike with the Daiwa 2-meter watt meter I have in line.
>
> I'm not sure the HF LEPS applies to 2-meters in the 706 series.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Sun, 21 Apr 2013 11:18:00 PM EDT
> From: "Adrian Rees (MW1LCR)" <mw1lcr@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Power Spike
>
> > Hi all
> >
> > I have a 706MKII G and it seems to have killed two 144MHz FET Linears in

> > pretty quick succession. A friend suggested that the problem may be the

> > way the 706 deals with power output control. Apparently there is a
> > 150 - 300 watt spike (only lasting Milli-seconds) on TX that is
> responsible.
> >
> > Any one comment, ,,, is this correct and whats the suggested fix ?
> >
> > Cheers
> >
> > Adrian MW1LCR
> >
> >
>
>
>
>
>

> [Non-text portions of this message have been removed]
>
>

# 20518. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 19:15:25 UTC
From: Mike Rodgers
Topic: 20510  Message: 20518

Basically on ssb, it takes the first few milliseconds of speech to adjust the alc.
Hf anyway.
Some newer rigs do this and some don't. It can be a issue with some solid state amps but mostly with lo drive ceramic tube amps.

I can only assume icom likes this method as its newest rig, the 7410 does it. Not sure about the 9100 and the 7100 is I think not out quite yet.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 22, 2013, at 10:38 AM, "LARRY J. FORD" <lford@...> wrote:

> I can't speak as to the 706MKIIG, as I have only the "original" 706 and the
> 706MKII, but the spike is there on HF for sure.
>
> I have not observed it on VHF.
>
> I note that on my IC-7200 the LEPS is not as bad.
>
> I disagree about it not occurring in SSB mode, but, each to his own.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 22 Apr 2013 11:17:23 AM EDT
> From: "John G." <af5cc@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Power Spike
>
> > The QST review of the 706 series radios (3 different ones, one for each
> model) covered this issue, and said that it was much improved in the MKIIG.
> They also more or less say that it is only a problem in "carrier based modes"
> like CW, FM and AM. It won't occur in SSB because the ALC overshoot will be
> gone before you start to actually speak.
> >
> > John AF5CC
> >
> > ----- Original Message -----

> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, April 22, 2013 2:21 PM
> > Subject: Re: [ic706] Power Spike
> >
> >
> >
> > On HF at least, the 706s, as do many ICOMs (but of my ICOM rigs, the 706
> > series is the worst), have a reputation for a "leading edge power spikes"
> > ("LEPS"), which is not totally alleviated by reducing the output power
> > setting. (Other brands of rigs also exhibit the LEPS
> >
> > On HF frequencies, I have measured up to 160 watts on key-down on an
> accurate,
> > true "peak-reading" watt meter (Ameritron AWM-30). An average-reading
> watt
> > meter won't show the spike.
> >
> > Phil Salas, an RF engineer of some "fame" (contributing editor to QST),
> wrote
> > about this issue, and devised a "fix" of sorts.
> >
> > Web site here: www.ad5x.com
> >
> > Article here:
> >
> > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> >
> > On the other hand, don't know what brand of amp you were using, but I
> have
> > used both my IC-706 (10 watts) and IC-706 (20 watts) into a Mirage 1080
> and a
> > Mirage 2516 2-meter amp, with no ill effects, and have not observed the
> same
> > spike with the Daiwa 2-meter watt meter I have in line.
> >
> > I'm not sure the HF LEPS applies to 2-meters in the 706 series.
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Sun, 21 Apr 2013 11:18:00 PM EDT
> > From: "Adrian Rees (MW1LCR)" <mw1lcr@...>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Power Spike
> >
> > > Hi all
> > >

> > > I have a 706MKII G and it seems to have killed two 144MHz FET Linears in
>
> > > pretty quick succession. A friend suggested that the problem may be the
>
> > > way the 706 deals with power output control. Apparently there is a
> > > 150 - 300 watt spike (only lasting Milli-seconds) on TX that is
> > responsible.
> > >
> > > Any one comment, ,,, is this correct and whats the suggested fix ?
> > >
> > > Cheers
> > >
> > > Adrian MW1LCR
> > >
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20519. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 19:35:32 UTC
From: LARRY J. FORD
Topic: 20510  Message: 20519

Roger, and that's when you get the "spike," before ALC pulls it back down.

It's not an issue with my AL-1200 amp, as it can take 130 watts of drive, and just soaks it (the spike) right up; my ALS-600 on the other hand, is not designed for that much exciter drive, so I've got one of those Phil Salas-designed gas discharge device attenuators on the input when I use the ALS-600 with the 706.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 22 Apr 2013 03:16:19 PM EDT
From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Power Spike

> Basically on ssb, it takes the first few milliseconds of speech to adjust the alc.
> Hf anyway.
> Some newer rigs do this and some don't. It can be a issue with some solid state amps but mostly with lo drive ceramic tube amps.
>
> I can only assume icom likes this method as its newest rig, the 7410 does it. Not sure about the 9100 and the 7100 is I think not out quite yet.
>
> 73
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Apr 22, 2013, at 10:38 AM, "LARRY J. FORD" <lford@...> wrote:
>
> > I can't speak as to the 706MKIIG, as I have only the "original" 706 and the
> > 706MKII, but the spike is there on HF for sure.
> >
> > I have not observed it on VHF.
> >
> > I note that on my IC-7200 the LEPS is not as bad.
> >
> > I disagree about it not occurring in SSB mode, but, each to his own.
> >

> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 22 Apr 2013 11:17:23 AM EDT
> > From: "John G." <af5cc@...>
> > To: <ic706@yahoogroups.com>
> > Subject: Re: [ic706] Power Spike
> >
> > > The QST review of the 706 series radios (3 different ones, one for each
> > model) covered this issue, and said that it was much improved in the
MKIIG.
> > They also more or less say that it is only a problem in "carrier based
modes"
> > like CW, FM and AM. It won't occur in SSB because the ALC overshoot will
be
> > gone before you start to actually speak.
> > >
> > > John AF5CC
> > >
> > > ----- Original Message -----
> > > From: LARRY J. FORD
> > > To: ic706@yahoogroups.com
> > > Sent: Monday, April 22, 2013 2:21 PM
> > > Subject: Re: [ic706] Power Spike
> > >
> > >
> > >
> > > On HF at least, the 706s, as do many ICOMs (but of my ICOM rigs, the
706
> > > series is the worst), have a reputation for a "leading edge power
spikes"
> > > ("LEPS"), which is not totally alleviated by reducing the output power
> > > setting. (Other brands of rigs also exhibit the LEPS
> > >
> > > On HF frequencies, I have measured up to 160 watts on key-down on an
> > accurate,
> > > true "peak-reading" watt meter (Ameritron AWM-30). An average-reading
> > watt
> > > meter won't show the spike.
> > >
> > > Phil Salas, an RF engineer of some "fame" (contributing editor to QST),
> > wrote
> > > about this issue, and devised a "fix" of sorts.
> > >
> > > Web site here: www.ad5x.com
> > >
> > > Article here:
> > >

> > > http://www.ad5x.com/images/Articles/HiPwr%20Pad%20RevA.pdf
> > >
> > > On the other hand, don't know what brand of amp you were using, but I
> > have
> > > used both my IC-706 (10 watts) and IC-706 (20 watts) into a Mirage 1080
> > and a
> > > Mirage 2516 2-meter amp, with no ill effects, and have not observed the
> > same
> > > spike with the Daiwa 2-meter watt meter I have in line.
> > >
> > > I'm not sure the HF LEPS applies to 2-meters in the 706 series.
> > >
> > > Larry J. Ford
> > > KG4GPJ
> > >
> > >
> > > ------ Original Message ------
> > > Received: Sun, 21 Apr 2013 11:18:00 PM EDT
> > > From: "Adrian Rees (MW1LCR)" <mw1lcr@elsasystems.co.uk>
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] Power Spike
> > >
> > > > Hi all
> > > >
> > > > I have a 706MKII G and it seems to have killed two 144MHz FET Linears
in
> > >
> > > > pretty quick succession. A friend suggested that the problem may be
the
> > >
> > > > way the 706 deals with power output control. Apparently there is a
> > > > 150 - 300 watt spike (only lasting Milli-seconds) on TX that is
> > > responsible.
> > > >
> > > > Any one comment, ,,, is this correct and whats the suggested fix ?
> > > >
> > > > Cheers
> > > >
> > > > Adrian MW1LCR
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> >

> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 20520. Re: [ic706] Power Spike

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 19:35:03 UTC
From: AG0N-3055
Topic: 20510  Message: 20520

On Mon, 22 Apr 2013 15:16:57 -0000, John G. wrote:

> It won't occur in SSB because the ALC overshoot will be gone before you start to actually speak.

How so? ALC is developed from sampling the level while you talk. If you don't talk, ALC will not develop. The first audio spike will begin to develop ALC, or it isn't conventional ALC. If you mean a "bias" applied to control the power level set by the power control, that is something different and should be applied prior to output and not fluctuate with the speech or keying.

I've never checked the IIg I have to see if power is properly controlled or not, but have not noticed a problem with my 7000 yet. I have not tried either on an amplifier.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20521. Re: Original Icom 706 for Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-22 22:26:42 UTC
From: Art
Topic: 20511  Message: 20521

--- In ic706@yahoogroups.com, "Art" <onkelart@...> wrote:
>
> I have an original Icom 706 for sale in very good condition. Includes 2 power cables, mic and carrying case. $450
>
Added a photo in the photo section. Email any questions or requests for more photos.
Selling to pay medical bills. Thanks for looking.

# 20522. Re: Original Icom 706 for Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-23 15:13:10 UTC
From: Art
Topic: 20511  Message: 20522

--- In ic706@yahoogroups.com, "Art" <onkelart@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "Art" <onkelart@> wrote:
> >
> > I have an original Icom 706 for sale in very good condition. Includes 2 power cables, mic and carrying case. $450
> >
> Added a photo in the photo section. Email any questions or requests for more photos. Selling to pay medical bills. Thanks for looking.
>
Price drop! $400

# 20523. Re: Original Icom 706 for Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-23 17:26:00 UTC
From: Art
Topic: 20511  Message: 20523

Sold! Thank you!

--- In ic706@yahoogroups.com, "Art" <onkelart@...> wrote:
>
>
>
> --- In ic706@yahoogroups.com, "Art" <onkelart@> wrote:
> >
> >
> >
> > --- In ic706@yahoogroups.com, "Art" <onkelart@> wrote:
> > >
> > > I have an original Icom 706 for sale in very good condition. Includes 2 power cables, mic and carrying case. $450
> > >
> > > Added a photo in the photo section. Email any questions or requests for more photos. Selling to pay medical bills. Thanks for looking.
> >
> > Price drop! $400
> >

# 20524. Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-23 23:41:19 UTC
From: Charlier26
Topic: 20500  Message: 20524

Thanks for the info. I was wondering if you know if the FL-232 350hz filter would work in the Original 706? I don't see an option for it in the menu, just the FL-100 (500hz) and the FL-101 (250hz).

Charlie KB8BWE

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> They are plug in You can only put 1 in the 706 original, but 2 in the MKII and MKIIG. Might have a 500hz filter for sale soon if you are looking for one.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: Charlier26
> To: ic706@yahoogroups.com
> Sent: Friday, April 19, 2013 2:27 PM
> Subject: [ic706] Installing filters in Original 706
>
>
>
> Do the filters just PLUG in, or do you have to solder them in like in the IC-735?
>
> Thanks
>
> Charlie KB8BWE
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20525. Re: [ic706] Re: Installing filters in Original 706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-24 00:00:58 UTC
From: Joe Isabella
Topic: 20500  Message: 20525

Yes, it works. The radio doesn't know what filter it actually is -- it only knows because you tell it in the menu.  That's how folks use the 350 for PSK -- by telling the radio it's a narrow SSB filter. In the case of the Original 706, you could tell it either one was installed and it'll work.

Joe, N3JI

---
From: Charlier26 <charlier26@...>
To: ic706@yahoogroups.com
Sent: Tuesday, April 23, 2013 6:41 PM
Subject: [ic706] Re: Installing filters in Original 706

Thanks for the info. I was wondering if you know if the FL-232 350hz filter would work in the Original 706? I don't see an option for it in the menu, just the FL-100 (500hz) and the FL-101 (250hz).

Charlie KB8BWE

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> They are plug in You can only put 1 in the 706 original, but 2 in the MKII and MKIIG. Might have a 500hz filter for sale soon if you are looking for one.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: Charlier26
> To: ic706@yahoogroups.com
> Sent: Friday, April 19, 2013 2:27 PM
> Subject: [ic706] Installing filters in Original 706
>
>
>
> Do the filters just PLUG in, or do you have to solder them in like in the IC-735?
>
> Thanks
>
> Charlie KB8BWE
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20526. IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-24 23:43:27 UTC
From: Frank
Topic: 20526  Message: 20526

When the RF knob is set for max output which is 100 plus watts, the audio is muted. When the RF knob is turned clockwise to received audio the RF output drops to approx 20 watts. A few people have offered help but nothing out side of what is stated in the manual. I need information from some one that is familier with the pots and trimers inside the radio for adjustment, or possible bad part. I have tryed all the settings in #7 set mode.

# 20527. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-25 00:30:11 UTC
From: LARRY J. FORD
Topic: 20526  Message: 20527

What "RF knob?"

Neither of my 706s has a knob marked "RF." There is a shared AF-RF/SGL knob, that affects the gain for RF RX, but not TX power output.

If in fact turning that knob truly affects the TX output, then something is terribly wrong with that rig.

If you press the "DISP" menu button, what does "Q1" setting show for "RF Power" When in that setting, the VFO knob adjusts RF output power.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 24 Apr 2013 07:43:42 PM EDT
From: "Frank" <w0rb2000@...>
To: ic706@yahoogroups.com
Subject: [ic706] IC 706 Pwr out 100 watts, no audio

> When the RF knob is set for max output which is 100 plus watts, the audio is muted. When the RF knob is turned clockwise to received audio the RF output drops to approx 20 watts. A few people have offered help but nothing out side of what is stated in the manual. I need information from some one that is familier with the pots and trimers inside the radio for adjustment, or possible bad part. I have tryed all the settings in #7 set mode.
>
>

# 20528. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-25 00:32:48 UTC
From: Al Waschka
Topic: 20526  Message: 20528

The "RF knob" has nothing to do with transmit power.  It is a combination RF gain and squelch control for receive only.  How it works is explained in the manual and its blend of RF gain and squelch is variable depending on a setting in the menus.

What version of 706 is this?  plain 706, 706 MkII, 706 MkIIG?

When you say the power out is 100 watts with it all the way up, how are you measuring it? What mode?

Same question for when you measure 20 watts.

I'm guessing you are looking at the S-meter indication in receive which varies with squelch setting and is not indicating transmit power.

Al K5TAN

--- On Wed, 4/24/13, Frank <w0rb2000@...> wrote:

From: Frank <w0rb2000@...>
Subject: [ic706] IC 706 Pwr out 100 watts, no audio
To: ic706@yahoogroups.com
Date: Wednesday, April 24, 2013, 7:43 PM

When the RF knob is set for max output which is 100 plus watts, the audio is muted. When the RF knob is turned clockwise to received audio the RF output drops to approx 20 watts. A few people have offered help but nothing out side of what is stated in the manual. I need information from some one that is familier with the pots and trimers inside the radio for adjustment, or possible bad part. I have tryed all the settings in #7 set mode.

[Non-text portions of this message have been removed]

# 20529. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-25 00:48:30 UTC
From: LARRY J. FORD
Topic: 20526  Message: 20529

Correction: That should be "...shared AF-RF/SQL knob ..." in the third
sentence in my previously posted message below.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Wed, 24 Apr 2013 08:31:09 PM EDT
From: "LARRY J. FORD" <lford@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] IC 706 Pwr out 100 watts, no audio

> What "RF knob?"
>
> Neither of my 706s has a knob marked "RF." There is a shared AF-RF/SGL
knob,
> that affects the gain for RF RX, but not TX power output.
>
> If in fact turning that knob truly affects the TX output, then something is
> terribly wrong with that rig.
>
> If you press the "DISP" menu button, what does "Q1" setting show for "RF
> Power" When in that setting, the VFO knob adjusts RF output power.
>
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Wed, 24 Apr 2013 07:43:42 PM EDT
> From: "Frank" <w0rb2000@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] IC 706 Pwr out 100 watts, no audio
>
> > When the RF knob is set for max output which is 100 plus watts, the audio
is
> muted. When the RF knob is turned clockwise to received audio the RF output
> drops to approx 20 watts. A few people have offered help but nothing out
side
> of what is stated in the manual. I need information from some one that is
> familier with the pots and trimers inside the radio for adjustment, or
> possible bad part. I have tryed all the settings in #7 set mode.
> >
> >

>
>
>

# 20530. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-25 18:04:24 UTC
From: Frank Strickland
Topic: 20526  Message: 20530

Ok Larry thanks for the reply. Oh sorry about the RF/Sql knob term and
 by the way "706s" short for IC 706xxxx. Answer to the DISP, Q1 is set at H.
Information:  rF settings function RF gain control only, 59L setting functions as squelch control only. rF setting making my tests with the "RF/SQL" knob at 11:00 5watts with audio, 10:00 90watts no audio, 59L setting making my test with "RF/SQL" knob 10watts output with audio at
all settings of the clock.  Auto settings were 10watts and 80watts at 11:00 with audio and 10:00 no audio.
It looks like a under the cover fix.  ICom is on the hook. Thanks for the try.  Frank in Denver

l

[Non-text portions of this message have been removed]

# 20531. 706 mk1 cant get 6m or 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-25 19:00:22 UTC
From: geordy666
Topic: 20531  Message: 20531

Hi I have 706 mk1
The prob is the highest I can get to is 29.999mhz
Its had the mod done to open it up
But I can only seen to get hf band
Please help
Many thanks

# 20532. Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 00:49:27 UTC
From: DaveS
Topic: 20532  Message: 20532

My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
Dave

# 20533. Re: [ic706] Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 00:55:09 UTC
From: John G.
Topic: 20532  Message: 20533

Hi Dave,

Sorry to hear about your problem.

Is the TX dead on 2m and 70cm as well as HF and 6?

John AF5CC

----- Original Message -----
From: DaveS
To: ic706@yahoogroups.com
Sent: Friday, April 26, 2013 12:49 AM
Subject: [ic706] Ic-706 mk2G lost all rf output

My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
Dave

[Non-text portions of this message have been removed]

# 20534. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 06:24:36 UTC
From: Frank Strickland
Topic: 20526  Message: 20534

Hello Al and group: You say the "RF knob" has nothing to do with transmit power.
How do you measure transmit (output) power? I place the 706MKIIG in CW mode, key the 706 and read the output on the watt meter. I use the settings in Set Mode #7 one at a time, (rF control function as RF gain control only), (59L control function as Squelch only) to get the wattage measurements.
I should be able to transmit max (output) power and receive audio with out having to change the RF/Sql knob to transmit  then receive which I cannot do.
No Iam not concerned at this time about S meter indication, Iam only concerned about getting max output power as well as the other part of communications receive the audio  of the person your communicating with.
Fixing the problem is not going to happen by trying to determine what is controling the output.  There is either output and audio or nothing ( why dosen`t it work)

Frank Strickland
W0RB

[Non-text portions of this message have been removed]

# 20535. Re: [ic706] IC 706 Pwr out 100 watts, no audio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 12:09:06 UTC
From: Al Waschka
Topic: 20526  Message: 20535

Frank it sounds to me like your problem is more severe than an adjustment. Even though you have rf gain/squelch set as rf gain only it is still operating as squelch and also controlling rf power which it should never do. I have an original 706 so I don't know what you mean by 59L. Good luck but it sounds like your 706 needs a trip to a good repair shop. As you describe it you are correct, you shouldn't have to turn the knob between transmit and receive.

Thanks,
Al

On Apr 26, 2013, at 2:24 AM, Frank Strickland <w0rb2000@...> wrote:

> Hello Al and group: You say the "RF knob" has nothing to do with transmit power.
> How do you measure transmit (output) power? I place the 706MKIIG in CW mode, key
> the 706 and read the output on the watt meter. I use the settings in Set Mode #7 one at a
> time, (rF control function as RF gain control only), (59L control function as Squelch
only)
> to get the wattage measurements.
> I should be able to transmit max (output) power and receive audio with out having to
> change the RF/Sql knob to transmit then receive which I cannot do.
> No Iam not concerned at this time about S meter indication, Iam only concerned
> about getting max output power as well as the other part of communications receive
> the audio of the person your communicating with.
> Fixing the problem is not going to happen by trying to determine what is controling
> the output. There is either output and audio or nothing ( why dosen`t it work)
>
> Frank Strickland
> W0RB
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20536. Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 12:13:37 UTC
From: DaveS
Topic: 20532  Message: 20536

Hi John,
Yes, the tx is dead on all bands, :( Have you ever heard of this happening? Thanks for responding,I await your reply,73.
Dave

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> Hi Dave,
>
> Sorry to hear about your problem.
>
> Is the TX dead on 2m and 70cm as well as HF and 6?
>
> John AF5CC
>
> ----- Original Message -----
> From: DaveS
> To: ic706@yahoogroups.com
> Sent: Friday, April 26, 2013 12:49 AM
> Subject: [ic706] Ic-706 mk2G lost all rf output
>
>
>
> My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> Dave
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20537. Re: [ic706] Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 12:51:34 UTC
From: John G.
Topic: 20532  Message: 20537

Hi Dave,

No, I can't say that I have heard about the TX going dead on all bands. Could it be the driver transistor? Not sure if it uses separate ones for HF and VHF/UHF or not.

73 John AF5CC

----- Original Message -----
From: DaveS
To: ic706@yahoogroups.com
Sent: Friday, April 26, 2013 12:13 PM
Subject: [ic706] Re: Ic-706 mk2G lost all rf output

Hi John,
Yes, the tx is dead on all bands, :( Have you ever heard of this happening? Thanks for responding,I await your reply,73.
Dave

--- In ic706@yahoogroups.com, "John G." <af5cc@...> wrote:
>
> Hi Dave,
>
> Sorry to hear about your problem.
>
> Is the TX dead on 2m and 70cm as well as HF and 6?
>
> John AF5CC
>
> ----- Original Message -----
> From: DaveS
> To: ic706@yahoogroups.com
> Sent: Friday, April 26, 2013 12:49 AM
> Subject: [ic706] Ic-706 mk2G lost all rf output
>
>
>
> My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> Dave
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

# 20538. Re: [ic706] Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 14:00:38 UTC
From: Mike Rodgers
Topic: 20532  Message: 20538

Does the red transmit light come on?

Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On Apr 25, 2013, at 7:49 PM, "DaveS" <kc8pcl@...> wrote:

> My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> Dave
>
>

[Non-text portions of this message have been removed]

# 20539. Re: [ic706] Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 14:06:36 UTC
From: <bruce.clements@...>
Topic: 20532  Message: 20539

Have you opened the lid and checked if you have B+ on the PA deck? There is a fuse on the PA brd. Also take a handheld and see if you can hear any tx on VHF. The VHF and the hf share the same predriver
Bruce
Ve3bv

Sent from my Communicator

On 2013-04-26, at 10:01 AM, "Mike Rodgers" <mikerodgerske5gbc@...> wrote:

> Does the red transmit light come on?
>
> Mike R
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On Apr 25, 2013, at 7:49 PM, "DaveS" <kc8pcl@...> wrote:
>
> > My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> > Dave
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20540. Re: 706 mk1 cant get 6m or 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 05:56:23 UTC
From: geordy666
Topic: 20531  Message: 20540

Anybody help please?
Thanks

--- In ic706@yahoogroups.com, "geordy666" <GEORDY666@...> wrote:
>
> Hi I have 706 mk1
> The prob is the highest I can get to is 29.999mhz
> Its had the mod done to open it up
> But I can only seen to get hf band
> Please help
> Many thanks
>

# 20541. Re: [ic706] Re: 706 mk1 cant get 6m or 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 15:38:42 UTC
From: AG0N-3055
Topic: 20531  Message: 20541

On Fri, 26 Apr 2013 05:56:23 -0000, geordy666 wrote:

> Anybody help please?
> Thanks
>
> --- In ic706@yahoogroups.com, "geordy666" <GEORDY666@...> wrote:
> >
> > Hi I have 706 mk1
> > The prob is the highest I can get to is 29.999mhz
> > Its had the mod done to open it up
> > But I can only seen to get hf band
> > Please help
> > Many thanks

What does the band switch do?

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20542. Re: [ic706] Re: 706 mk1 cant get 6m or 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 16:17:09 UTC
From: <bruce.clements@...>
Topic: 20531  Message: 20542

Well I would go on line and find out what was the mod.
I would then make the decision to either reverse it or check it.
You may get lucky and find that a step had been missed like having to hold down a bunch of buttons and powering up while reciting the Boy Scout Moto

Bruce

Sent from my Communicator

On 2013-04-26, at 11:41 AM, "AG0N-3055" <mcduffie@...> wrote:

> On Fri, 26 Apr 2013 05:56:23 -0000, geordy666 wrote:
>
> > Anybody help please?
> > Thanks
> >
> > --- In ic706@yahoogroups.com, "geordy666" <GEORDY666@...> wrote:
> > >
> > > Hi I have 706 mk1
> > > The prob is the highest I can get to is 29.999mhz
> > > Its had the mod done to open it up
> > > But I can only seen to get hf band
> > > Please help
> > > Many thanks
>
> What does the band switch do?
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

[Non-text portions of this message have been removed]

# 20543. Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 22:35:06 UTC
From: DaveS
Topic: 20532  Message: 20543

Hello everyone,
I have found the problem, this is something I did not even think about. Took the covers off the radio, made a visible check of all the boards and connections. there were no signs of anything running hot or burned, made some voltage checks, keyed the ptt, transmit red led comes on but no output. I decided to plug the hand mike in the front of the radio instead of on the back and lo and behold, I had transmit on all bands. After more investigation of the back mike connector I found that when the fan is running, there is fair amount of dust/lint on the vent areas on the rear of the radio ( including the mike connector ) I removed all the dust from the vent areas on the rear of the unit, including any that I found inside the radio, The radio is as clean on the inside as it is on the outside, the radio is working fine. Would never have thought dust would bring a fine radio to it's knees, Incidentally, I have done the fan mod so it runs all the time at a lower speed until the sensor kicks it into high gear, I am putting this on my list of things to do at least once a year. Thank you all that responded to my request for help, Great forum, great members, 73 everyone, and Thanks again.
Dave

--- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
>
> Have you opened the lid and checked if you have B+ on the PA deck? There is a fuse on the PA brd. Also take a handheld and see if you can hear any tx on VHF. The VHF and the hf share the same predriver
> Bruce
> Ve3bv
>
> Sent from my Communicator
>
>
> On 2013-04-26, at 10:01 AM, "Mike Rodgers" <mikerodgerske5gbc@...> wrote:
>
> > Does the red transmit light come on?
> >
> > Mike R
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On Apr 25, 2013, at 7:49 PM, "DaveS" <kc8pcl@...> wrote:
> >
> > > My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> > > Dave

> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 20544. Re: [ic706] Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 23:06:59 UTC
From: Wayne Bowyer
Topic: 20532  Message: 20544

"Would never have thought dust would bring a fine radio to it's knees"

Yes, dust will bring me to my knees as well. When my wife sees dust on the furniture I'm on my knees with a duster. :)

Wayne
n4eyz

On Fri, Apr 26, 2013 at 6:35 PM, DaveS <kc8pcl@...> wrote:

> **
>
>
> Hello everyone,
> I have found the problem, this is something I did not even think about.
> Took the covers off the radio, made a visible check of all the boards and
> connections. there were no signs of anything running hot or burned, made
> some voltage checks, keyed the ptt, transmit red led comes on but no
> output. I decided to plug the hand mike in the front of the radio instead
> of on the back and lo and behold, I had transmit on all bands. After more
> investigation of the back mike connector I found that when the fan is
> running, there is fair amount of dust/lint on the vent areas on the rear of
> the radio ( including the mike connector ) I removed all the dust from the
> vent areas on the rear of the unit, including any that I found inside the
> radio, The radio is as clean on the inside as it is on the outside, the
> radio is working fine. Would never have thought dust would bring a fine
> radio to it's knees, Incidentally, I have done the fan mod so it runs all
> the time at a lower speed until the sensor kicks it into high gear, I am
> putting this on my list of things to do at least once a year. Thank you all
> that responded to my request for help, Great forum, great members, 73
> everyone, and Thanks again.
> Dave
>
> --- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
> >
> > Have you opened the lid and checked if you have B+ on the PA deck? There
> is a fuse on the PA brd. Also take a handheld and see if you can hear any
> tx on VHF. The VHF and the hf share the same predriver
> > Bruce
> > Ve3bv
> >
> > Sent from my Communicator
> >
> >
> > On 2013-04-26, at 10:01 AM, "Mike Rodgers" <mikerodgerske5gbc@...>
> wrote:

> >
> > > Does the red transmit light come on?
> > >
> > > Mike R
> > >
> > > Play me some fiddle, but no stinkin' violin!
> > >
> > > Amateur/Ham Radio KE5GBC
> > > HF & Echolink mobile
> > >
> > > On Apr 25, 2013, at 7:49 PM, "DaveS" <kc8pcl@...> wrote:
> > >
> > > > My Ic-706mk2g died out on me today, no rf output on any band. Has
> anyone had this happen? what should I check to fix it? any help with this
> will be greatly appreciated, I hope to hear from someone soon. Thanks for
> reading this post, 73 for now.
> > > > Dave
> > > > >
> > > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

# 20545. Re: [ic706] Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 00:08:16 UTC
From: John
Topic: 20532  Message: 20545

That is great to hear Dave! Don't you just love those inexpensive fixes
like this?

73 John AF5CC

On Fri, Apr 26, 2013 at 5:35 PM, DaveS <kc8pcl@yahoo.com> wrote:

> **
>
>
> Hello everyone,
> I have found the problem, this is something I did not even think about.
> Took the covers off the radio, made a visible check of all the boards and
> connections. there were no signs of anything running hot or burned, made
> some voltage checks, keyed the ptt, transmit red led comes on but no
> output. I decided to plug the hand mike in the front of the radio instead
> of on the back and lo and behold, I had transmit on all bands. After more
> investigation of the back mike connector I found that when the fan is
> running, there is fair amount of dust/lint on the vent areas on the rear of
> the radio ( including the mike connector ) I removed all the dust from the
> vent areas on the rear of the unit, including any that I found inside the
> radio, The radio is as clean on the inside as it is on the outside, the
> radio is working fine. Would never have thought dust would bring a fine
> radio to it's knees, Incidentally, I have done the fan mod so it runs all
> the time at a lower speed until the sensor kicks it into high gear, I am
> putting this on my list of things to do at least once a year. Thank you all
> that responded to my request for help, Great forum, great members, 73
> everyone, and Thanks again.
> Dave
>
> --- In ic706@yahoogroups.com, <bruce.clements@...> wrote:
> >
> > Have you opened the lid and checked if you have B+ on the PA deck? There
> > is a fuse on the PA brd. Also take a handheld and see if you can hear any
> > tx on VHF. The VHF and the hf share the same predriver
> > > Bruce
> > > Ve3bv
> > >
> > > Sent from my Communicator
> > >
> > >
> > > On 2013-04-26, at 10:01 AM, "Mike Rodgers" <mikerodgerske5gbc@...>
> > wrote:
> > >
> > > > Does the red transmit light come on?
> > > >

> > > Mike R
> > >
> > > Play me some fiddle, but no stinkin' violin!
> > >
> > > Amateur/Ham Radio KE5GBC
> > > HF & Echolink mobile
> > >
> > > On Apr 25, 2013, at 7:49 PM, "DaveS" <kc8pcl@...> wrote:
> > >
> > > > My Ic-706mk2g died out on me today, no rf output on any band. Has
> anyone had this happen? what should I check to fix it? any help with this
> will be greatly appreciated, I hope to hear from someone soon. Thanks for
> reading this post, 73 for now.
> > > > Dave
> > > >
> > > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>

[Non-text portions of this message have been removed]

# 20546. Re: [ic706] Re: 706 mk1 cant get 6m or 2m

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-26 21:55:22 UTC
From: Dean Benninger
Topic: 20531  Message: 20546

Good Day!!!

Did the Radio Work on 2M before the Mod?

Most MODS require you to do a complete Reset which will wipe all Memory and Settings, which is not a big deal to have the Extended Frequencies!!!

73 & 72

Dean Benninger N8DEA
On Apr 26, 2013 12:17 PM, <bruce.clements@...> wrote:
>
>
>
> Well I would go on line and find out what was the mod.
> I would then make the decision to either reverse it or check it.
> You may get lucky and find that a step had been missed like having to hold down a bunch of buttons and powering up while reciting the Boy Scout Moto
>
> Bruce
>
> Sent from my Communicator
>
>
> On 2013-04-26, at 11:41 AM, "AG0N-3055" <mcduffie@ag0n.net> wrote:
>
> > On Fri, 26 Apr 2013 05:56:23 -0000, geordy666 wrote:
> >
> > > Anybody help please?
> > > Thanks
> > >
> > > --- In ic706@yahoogroups.com, "geordy666" <GEORDY666@...> wrote:
> > > >
> > > > Hi I have 706 mk1
> > > > The prob is the highest I can get to is 29.999mhz
> > > > Its had the mod done to open it up
> > > > But I can only seen to get hf band
> > > > Please help
> > > > Many thanks
> > >
> > > What does the band switch do?
> > >
> > > Gary
> > > --
> > > http://ag0n.net

> > 3055: http://ag0n.net/irlp/3055
> > NodeOp Help Page: http://ag0n.net/irlp
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20547. Remote Control Cable pinout

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 00:15:37 UTC
From: Charles Levasseur
Topic: 20547  Message: 20547

Does anyone know where I can find the pinout for the remote cable. I would like to build my own using a 3.5 mono male connector and a db9 serial connector but I cannot find the pinout anywhere. My goals is to be able to control the radio with HRD (ham radio deluxe) and N1MM software from my computer.

Thanks

# 20548. Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 04:01:49 UTC
From: John G.
Topic: 20548  Message: 20548

I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20549. Re: Remote Control Cable pinout

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 08:37:49 UTC
From: gw0div@btinternet.com
Topic: 20547  Message: 20549

You'll need TTL level converters to connect CI-V to RS232. It's probabliy cheaper to buy a CI-V to USB cable from eBay than to source all the components! !

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Charles Levasseur" <ve9cel@...> wrote:
>
> Does anyone know where I can find the pinout for the remote cable. I would like to build my own using a 3.5 mono male connector and a db9 serial connector but I cannot find the pinout anywhere. My goals is to be able to control the radio with HRD (ham radio deluxe) and N1MM software from my computer.
>
> Thanks
>

# 20551. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 14:14:10 UTC
From: Gmail
Topic: 20548  Message: 20551

I have one if you are still interested. I have not used it in years. I may need the power cord.
It is separated and the head is mounted on a bracket. This was one of the ones with 2 meter only.
I should get $250 plus shipping if your interested.

73
Dean W5GXL

On Apr 26, 2013, at 11:01 PM, John G. wrote:

> I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20552. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 14:41:00 UTC
From: Pedro
Topic: 20548  Message: 20552

Hi Dean. Im interested on the 706. thanks. 73 de K2DJ

Gmail <w5gxl@arrl.net> wrote:

>I have one if you are still interested. I have not used it in years. I may need the power cord.
>It is separated and the head is mounted on a bracket. This was one of the ones with 2 meter only.
>I should get $250 plus shipping if your interested.
>
>73
>Dean W5GXL
>
>
>
>On Apr 26, 2013, at 11:01 PM, John G. wrote:
>
>> I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.
>>
>> 73 John AF5CC
>>
>> [Non-text portions of this message have been removed]
>>
>>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>

# 20553. Re: [ic706] Unsubscribe

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 05:52:17 UTC
From: Facility 406 DM09
Topic: 984  Message: 20553

You need to send a blank message to:

ic706-unsubscribe@yahoogroups.com

Not the group.

Kurt

# 20554. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-27 18:13:06 UTC
From: Hong Michael
Topic: 20548  Message: 20554

I have a 706mkii G, but without the face unit. It was stolen and I've just about given up on finding it. I also have an AH4. No mic, but the power cords and sep. cord is there. Let me know.

---
From: John G. <af5cc@...>
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@yahoogroups.com; OKtraders@yahoogroups.com; forsale-swap@...; ham4sale@yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20555. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 10:02:37 UTC
From: w5sum
Topic: 20548  Message: 20555

I"m interested in that AH-4
----- Original Message -----
From: Hong Michael
To: ic706@yahoogroups.com ; IC-706MKIIG@yahoogroups.com ; ICOM Reflector ; icomradio@yahoogroups.com ; OKtraders@yahoogroups.com ; forsale-swap@... ; ham4sale@yahoogroups.com
Sent: Saturday, April 27, 2013 1:13 PM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I have a 706mkii G, but without the face unit. It was stolen and I've just about given up on finding it. I also have an AH4. No mic, but the power cords and sep. cord is there. Let me know.

---
From: John G. <af5cc@...>
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector <icom@...>; icomradio@yahoogroups.com; OKtraders@yahoogroups.com; forsale-swap@...; ham4sale@yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20556. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 10:36:34 UTC
From: David Stinson
Topic: 20548  Message: 20556

You could buy it all for a good price, then let me have the
706 body so I could fix mine... heh heh

----- Original Message -----
From: "w5sum" <w5sum@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, April 28, 2013 5:02 AM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I"m interested in that AH-4
----- Original Message -----
From: Hong Michael
To: ic706@yahoogroups.com ; IC-706MKIIG@yahoogroups.com ; ICOM Reflector ;
icomradio@yahoogroups.com ; OKtraders@yahoogroups.com ;
forsale-swap@... ; ham4sale@yahoogroups.com
Sent: Saturday, April 27, 2013 1:13 PM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I have a 706mkii G, but without the face unit. It was stolen and I've just
about given up on finding it. I also have an AH4. No mic, but the power
cords and sep. cord is there. Let me know.

_____
From: John G. <af5cc@...>
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector
<icom@...>; icomradio@yahoogroups.com;
OKtraders@yahoogroups.com; forsale-swap@...;
ham4sale@yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has
one for sale. Need the power cord and mic with it. If you have one you want
to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20557. Re: [ic706] Unsubscribe

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 12:08:55 UTC
From: Wayne Bowyer
Topic: 984  Message: 20557

Who is this unsubscribe message directed to? I've not sent any such request.

Wayne
n4eyz

On Sun, Apr 28, 2013 at 1:52 AM, Facility 406 DM09 <facility_406@...> wrote:

> **
>
>
> You need to send a blank message to:
>
> ic706-unsubscribe@yahoogroups.com
>
> Not the group.
>
> Kurt
>
>

[Non-text portions of this message have been removed]

# 20558. Re: [ic706] Remote Control Cable pinout

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 16:26:17 UTC
From: Michael Vondran
Topic: 20547  Message: 20558

I followed the instructions on this website http://www.gdickinson.co.uk/

I used the TTL-232R-5V cable I ordered from http://www.futureelectronics.com.  It was 20 bucks for the cable about 7 bucks shipping, about a dollar for the mono connector and I now have a CI-V interface that is not plagued with all the driver issues of the cheap USB CI-V cables on eBay which use the Chinese knockoffs of the Prolific chip set. It took me about 5 minutes to make the cable once everything arrived.  All in all 30 bucks for a good CI-V interface is a really good deal compared to 140 bucks from Icom.

---
From: Charles Levasseur <ve9cel@rogers.com>
To: ic706@yahoogroups.com
Sent: Friday, April 26, 2013 8:15 PM
Subject: [ic706] Remote Control Cable pinout

Does anyone know where I can find the pinout for the remote cable. I would like to build my own using a 3.5 mono male connector and a db9 serial connector but I cannot find the pinout anywhere. My goals is to be able to control the radio with HRD (ham radio deluxe) and N1MM software from my computer.

Thanks

[Non-text portions of this message have been removed]

# 20559. Re: [ic706] Remote Control Cable pinout

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 19:35:26 UTC
From: LARRY J. FORD
Topic: 20547  Message: 20559

$30 buck??

I paid a total of $27.00, including shipping, for a CI-V/USB interface with an FTDI chipset (no Prolific issues there!) from a vendor on Amazon. Works great with HRD/DM-780, M-110A, and every other digital program I've tried with for rig control of the IC-706.

You just have to know what you're buying.

------ Original Message ------
Received: Sun, 28 Apr 2013 12:26:33 PM EDT
From: Michael Vondran <locutus_of_texas@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Remote Control Cable pinout

> I followed the instructions on this website http://www.gdickinson.co.uk/
>
> I used the TTL-232R-5V cable I ordered from http://www.futureelectronics.com.  It was 20 bucks for the cable about 7 bucks shipping, about a dollar for the mono connector and I now have a CI-V interface that is not plagued with all the driver issues of the cheap USB CI-V cables on eBay which use the Chinese knockoffs of the Prolific chip set. It took me about 5 minutes to make the cable once everything arrived.  All in all 30 bucks for a good CI-V interface is a really good deal compared to 140 bucks from Icom.
>
>
> _____
> From: Charles Levasseur <ve9cel@...>
> To: ic706@yahoogroups.com
> Sent: Friday, April 26, 2013 8:15 PM
> Subject: [ic706] Remote Control Cable pinout
>
>
>
>
> Does anyone know where I can find the pinout for the remote cable. I would like to build my own using a 3.5 mono male connector and a db9 serial connector but I cannot find the pinout anywhere. My goals is to be able to control the radio with HRD (ham radio deluxe) and N1MM software from my computer.
>
> Thanks
>
>
>

>
> [Non-text portions of this message have been removed]
>
>

# 20560. FS: Icom FL100 CW filter

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 20:21:57 UTC
From: John G.
Topic: 14516  Message: 20560

I have for sale an Icom FL100 500hz CW filter that fits in the following radios: 706, 725, 726, 728, 729, 736, 737, 738, 746, 756. It will not work in the 707, 703, or 718 as those take the FL52 or FL53 instead. I am asking $75 shipped for it and can take paypal/check/MO/Cash. International shipping can be worked out for a little more for shipping costs.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20561. Re: [ic706] Re: Remote Control Cable pinout

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 20:21:20 UTC
From: Mark Smith
Topic: 20547  Message: 20561

Hi ,
there is a drawing of such an interface in the DM780 datamodes user guide
on page 8, i will try and attach it here (pdf) hope this helps
73's
mark
2E0YME

On Sat, Apr 27, 2013 at 9:37 AM, gw0div@... <
gw0div@btinternet.com> wrote:

> **
>
>
> You'll need TTL level converters to connect CI-V to RS232. It's probabliy
> cheaper to buy a CI-V to USB cable from eBay than to source all the
> components! !
>
> Rhys
> GW0DIV
>
>
> --- In ic706@yahoogroups.com, "Charles Levasseur" <ve9cel@...> wrote:
> >
> > Does anyone know where I can find the pinout for the remote cable. I
> would like to build my own using a 3.5 mono male connector and a db9 serial
> connector but I cannot find the pinout anywhere. My goals is to be able to
> control the radio with HRD (ham radio deluxe) and N1MM software from my
> computer.
> >
> > Thanks
> >
>
>
>

[Non-text portions of this message have been removed]

# 20562. Re: [ic706] FS: Icom FL100 CW filter

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-28 23:24:39 UTC
From: john gabbard
Topic: 14516  Message: 20562

HI John,
I have a 706 ser.# 07440 and it has an FL30 ssb filter in it and I understand its supposed to take a FL223 or 103 ssb filterbut has the same center frequency. I just bought it in a non working condition, mostly out of curosity, I have never owned one and wanted to check it out. I really like the way its made, it wont go into the xmit or recieve mode,I think the front end may be ok tho, I put a signal into it at the output of the missing cw filter and got an S9 reading on its S meter. the keyer is working and all the other functions seem like they are ok too it may have a bad TR relay, I checked the voltage on the finals and both them and the driver seem like good with no shorts. I checked some of the plugs on the PA board for T voltage but had to quit at that point due to lack of time. I will pull the service manual out and go from there, luckily, it did have a new svc manual with it.
I think I will buy your FL 100 if you still have it, whats your paypal address info and I will get it to you soon as you let me know. I don't think the VOX is working, can't get any adjustments out of it to see if its keying or what its doing either.
OK John, let me know and I will send you a payment.
my address is good at QTH.com or John Gabbard

POB 5422

Pahrump, Nv. 89041

702 982 9145 cell

On Sun, Apr 28, 2013 at 1:21 PM, John G. <af5cc@...> wrote:

> **
>
>
> I have for sale an Icom FL100 500hz CW filter that fits in the following
> radios: 706, 725, 726, 728, 729, 736, 737, 738, 746, 756. It will not work
> in the 707, 703, or 718 as those take the FL52 or FL53 instead. I am asking
> $75 shipped for it and can take paypal/check/MO/Cash. International
> shipping can be worked out for a little more for shipping costs.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

# 20563. Re: Ic-706 mk2G lost all rf output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-29 01:27:51 UTC
From: webbte2001
Topic: 20532  Message: 20563

Dave - I just had my 746 repaired by a really good service shop in Anderson SC. He was an ICOM authorized service center for years before having to move to CA and then back to SC. So he is back in business again. If you need contact info, just let me know if it gets to that.
ted / w4ne

--- In ic706@yahoogroups.com, "DaveS" <kc8pcl@...> wrote:
>
> Hi John,
> Yes, the tx is dead on all bands, :( Have you ever heard of this happening? Thanks for responding,I await your reply,73.
> Dave
>
> --- In ic706@yahoogroups.com, "John G." <af5cc@> wrote:
> >
> > Hi Dave,
> >
> > Sorry to hear about your problem.
> >
> > Is the TX dead on 2m and 70cm as well as HF and 6?
> >
> > John AF5CC
> >
> > ----- Original Message -----
> > From: DaveS
> > To: ic706@yahoogroups.com
> > Sent: Friday, April 26, 2013 12:49 AM
> > Subject: [ic706] Ic-706 mk2G lost all rf output
> >
> >
> >
> > My Ic-706mk2g died out on me today, no rf output on any band. Has anyone had this happen? what should I check to fix it? any help with this will be greatly appreciated, I hope to hear from someone soon. Thanks for reading this post, 73 for now.
> > Dave
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 20564. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-29 02:47:42 UTC
From: Hong Michael
Topic: 20548  Message: 20564

I'd prefer a local buyer (orange county, ca)

---
From: David Stinson <arc5@...>
To: ic706@yahoogroups.com
Sent: Sunday, April 28, 2013 3:36 AM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

You could buy it all for a good price, then let me have the
706 body so I could fix mine... heh heh

----- Original Message -----
From: "w5sum" <w5sum@...>
To: <ic706@yahoogroups.com>
Sent: Sunday, April 28, 2013 5:02 AM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I"m interested in that AH-4
----- Original Message -----
From: Hong Michael
To: ic706@yahoogroups.com ; IC-706MKIIG@yahoogroups.com ; ICOM Reflector ;
icomradio@yahoogroups.com ; OKtraders@yahoogroups.com ;
forsale-swap@... ; ham4sale@yahoogroups.com
Sent: Saturday, April 27, 2013 1:13 PM
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I have a 706mkii G, but without the face unit. It was stolen and I've just
about given up on finding it. I also have an AH4. No mic, but the power
cords and sep. cord is there. Let me know.

---
From: John G. <af5cc@...>
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector
<icom@...>; icomradio@yahoogroups.com;
OKtraders@yahoogroups.com; forsale-swap@...;
ham4sale@yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has
one for sale. Need the power cord and mic with it. If you have one you want
to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20565. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-29 04:21:45 UTC
From: Ham Radio
Topic: 20548  Message: 20565

Hi Michael, I might be interested in purchasing the console. I am in San Diego and work in LA. You can reach me at ak6zz@....

Keith
AK6ZZ

From: Hong Michael
Sent: Saturday, April 27, 2013 11:13 AM
To: ic706@yahoogroups.com ; IC-706MKIIG@yahoogroups.com ; ICOM Reflector ; icomradio@yahoogroups.com ; OKtraders@yahoogroups.com ; forsale-swap@... ; ham4sale@yahoogroups.com
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I have a 706mkii G, but without the face unit. It was stolen and I've just about given up on finding it. I also have an AH4. No mic, but the power cords and sep. cord is there. Let me know.

_____
From: John G. <mailto:af5cc%40fidmail.com>
To: mailto:ic706%40yahoogroups.com; mailto:IC-706MKIIG%40yahoogroups.com; ICOM Reflector <mailto:icom%40mailman.qth.net>; mailto:icomradio%40yahoogroups.com; mailto:OKtraders%40yahoogroups.com; mailto:forsale-swap%40mailman.qth.net; mailto:ham4sale%40yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20566. Re: [ic706] Unsubscribe

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-29 04:03:37 UTC
From: Facility 406 DM09
Topic: 984  Message: 20566

: Who is this unsubscribe message directed to? I've not sent any such
: request.

I'd have to dig through the archives to find the original poster now, but, someone sent a message to the group with only the text "unsubscribe".

To unsuscribe from a Yahoo group, one only need send a blank message to the name of the group followed by -unsubscribe as shown on the group home page and also at the bottom of each message posted through a group, not the word unsubscribe to the group posting address. Some older systems allowed just the word unsubscribe in the message body, I'm guessing the original poster was confused. In many cases I have seen many, many "unsubscribe" posts sent to a group without the intended result. This is generally followed by up to a few dozen posts to the effect of "why can't I unsubscribe????".

For this group, the unsubscribe command is a blank message to the following address, originating from the subscribed address:

ic706-unsubscribe@yahoogroups.com

Kurt

# 20567. Re: [ic706] Still looking for Icom 706/706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-29 04:21:45 UTC
From: Ham Radio
Topic: 20548  Message: 20567

Hi Michael, I might be interested in purchasing the console. I am in San Diego and work in LA. You can reach me at ak6zz@....

Keith
AK6ZZ

From: Hong Michael
Sent: Saturday, April 27, 2013 11:13 AM
To: ic706@yahoogroups.com ; IC-706MKIIG@yahoogroups.com ; ICOM Reflector ; icomradio@yahoogroups.com ; OKtraders@yahoogroups.com ; forsale-swap@... ; ham4sale@yahoogroups.com
Subject: Re: [ic706] Still looking for Icom 706/706MKII

I have a 706mkii G, but without the face unit. It was stolen and I've just about given up on finding it. I also have an AH4. No mic, but the power cords and sep. cord is there. Let me know.

_____
From: John G. <mailto:af5cc%40fidmail.com>
To: mailto:ic706%40yahoogroups.com; mailto:IC-706MKIIG%40yahoogroups.com; ICOM Reflector <mailto:icom%40mailman.qth.net>; mailto:icomradio%40yahoogroups.com; mailto:OKtraders%40yahoogroups.com; mailto:forsale-swap%40mailman.qth.net; mailto:ham4sale%40yahoogroups.com
Sent: Friday, April 26, 2013 9:01 PM
Subject: [ic706] Still looking for Icom 706/706MKII

I am still looking to buy an Icom 706 original or 706MKII if anyone has one for sale. Need the power cord and mic with it. If you have one you want to sell, let me know the price shipped to zip 73507.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20568. R8,T8,L8 voltages missing on main board

Yahoo group: ic706 (2010 — 2015)
Date: 2013-04-30 02:38:25 UTC
From: John
Topic: 20568  Message: 20568

Hi guys, maybe some one can steer me in the right direction, I recently purchased an original 706 ser# 007440 mainly out of curosity and having never had one before. It will not receive or transmit but has very light audio I am able to hear. I checked for the R&T voltages on the main board,they are missing, they come from the PA board and I can't locate a VR on that board that supplies 8V. to the main board, usually there are 2 transistors that turn off the rcv voltage and turn on the transmit voltage. I do have a service manual but I need a parts identification so I can find the components related to these modes. Thanks, John KF7OM

# 20569. Icom 706 Stuck in Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-04 01:53:57 UTC
From: kc9swv
Topic: 20569  Message: 20569

Greetings All,

I've recently acquired a broken IC-706 (first version) that I'd like to fix but it's exhibiting some funny behaviour. As soon as I turn the radio on, it begins to transmit. If you turn the dial out of the amateur bands, it will go back into receive. I've checked the Microphone PTT circuit, and all the PTTs in the accessory connectors, etc. None of them are shorted to ground.

When you tune back down into a legal band, you can hear the TX/RX relay click and the TX light comes back on. I have checked with my VHF HT and my dummy load resonates enough that I can hear myself calling CQ from the 706 to the HT, so it really is transmitting.

I also tuned to a public service frequency outside of the amateur bands (154.370) and I was able to receive just fine on VHF. I don't have an HF antenna up yet (this is my first HF rig), so I can't find anything to tune on HF to check that receiver section. I don't know what I'd find near but not in an HF band anyway...

I tried resetting the CPU to no avail...

Then, I found that the PTT terminal on the control head microphone connector is 0.6V when it should be 4.1 (during receive). Sounds like it's shorted to ground in the unit before it gets to the connector which is trying to put the radio in transmit.

Testing with a DMM I get 125 ohms resistance between the PTT pin and GND in the mic connector on the control head. On the radio body when I test this connection it tests as an open circuit (which is what I would expect since you ground the PTT pin to transmit). Looking at the schematic in the service manual, I began to suspect that Transistor Q4 in the PTT circuit in the head is bad.

It's still in the circuit so I know other components in the circuit can throw off the measurement, but when I test it I get the following measurements:

Base to Emitter: 0 Ohms
Emitter to Base: 2 Ohms
Collector to Emitter: 127 Ohms
Emitter to Collector: 125 Ohms

These don't seem right to me at all; I was always under the impression that a transistor would test like two diodes. Maybe someone who knows more than me can help point me in the right direction before I go to radio shack tomorrow to get some solder wick (I don't have any at home).

Thanks,
KC9SWV
Morgen Benner

# 20570. Re: [ic706] Icom 706 Stuck in Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-04 14:10:23 UTC
From: David Stinson
Topic: 20569  Message: 20570

----- Original Message -----
From: "kc9swv" <morgen.benner@...>

>I've recently acquired a broken IC-706 (first version) that I'd like to fix
>but it's exhibiting some funny >behaviour. As soon as I turn the radio on,
>it begins to transmit.

Mine did this. That cheap cable that runs to the rear mike connector,
which is made of crummy plastic and very easily pinched by the top, was
shorted
where the top crimped it against a chassis bulkhead.

73 DE Dave AB5S

# 20571. Re: [ic706] Icom 706 Stuck in Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-05 00:48:20 UTC
From: Facility 406 DM09
Topic: 20569  Message: 20571

Does it only do this with the mic plugged in or have you removed it completely?

Kurt

# 20573. RE: [ic706] ICom 706 faceplate release button

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-05 19:20:34 UTC
From: Tom
Topic: 20572  Message: 20573

And the spring. That is what I am missing.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Frank
Sent: Saturday, May 04, 2013 11:24 PM
To: ic706@yahoogroups.com
Subject: [ic706] ICom 706 faceplate release button

Will a ic 7000 faceplate release button fit a ic 706? Where can I find a release button for my Icom 706MKIIG?

W0RB Frank in Denver

# 20574. Re: ICom 706 faceplate release button

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-05 20:18:40 UTC
From: oz1cjx
Topic: 20572  Message: 20574

I bought the spring and button as spareparts from the local dealer.
The part numbers are 8930036751 and 8930036691

Vy 73 de Lars /OZ1CJX

--- In ic706@yahoogroups.com, "Tom" <tseals4@...> wrote:
>
> And the spring. That is what I am missing.
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Frank
> Sent: Saturday, May 04, 2013 11:24 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] ICom 706 faceplate release button
>
> Will a ic 7000 faceplate release button fit a ic 706? Where can I find a
> release button for my Icom 706MKIIG?
>
> W0RB Frank in Denver
>

# 20575. IC-706 MKIIG startup failure

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-05 18:46:23 UTC
From: f4avi
Topic: 20575  Message: 20575

Hi,
I recently bought a defective IC-706 MKIIG.
The seller told me about the failure :
- it began with a "clicking" relay noise, as soon as the 13V8 was applied.
- the rig can't start and one day, the "click" stops and nothing else happened.

I found the article from N1EQ about the HV line problem (http://www.n1eq.com/tech/page_03.html) and effectively, the copper was cut as described. I repaired it, but the rig didn't start ( there was about 12V on the HV line however). In fact, the transistor Q591 on the PA board (whose should drive the relay) was dead. I replaced it by a BC847 transistor with 10k resistor in its base and the rig starts up !

Some hours later, I connect the rig to my 13V8 PS and I hear the "clicking" relay and the rig don't start again !

I read N1EQ description again and saw that R591 was mentionned as defective sometines. I measured the resistor and found 26 Ohms ! It sould be 4R7 !
That why the relay "clicked" : the HV voltage is to low and the voltage regulator for the CPU supply is unstable and the relay is erratically driven !

hope this experience will help someone else ...

73's de F4AVI Fabrice

# 20576. Re: Icom 706 Stuck in Transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-06 01:59:56 UTC
From: kc9swv
Topic: 20569  Message: 20576

It did it with the MIC removed as well. It turns out it was transistor Q4 in the control head. I desoldered it, verified it was shorted, tested the radio with it removed. Everything I've tried so far has worked with it removed. I have a replacement on order from Digikey:

http://www.digikey.com/product-detail/en/BCX5410TA/BCX5410TACT-ND/2712088

When it arrives, I'll replace it and post back here if it works as expected. The original ICOM part is discontinued, but this should be a compatible enough replacement for $.49.

--- In ic706@yahoogroups.com, "Facility 406 DM09" <facility_406@...> wrote:
>
> Does it only do this with the mic plugged in or have you removed it
> completely?
>
> Kurt
>

# 20577. No TX/No RCV

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-06 02:29:49 UTC
From: John
Topic: 20577  Message: 20577

I have an original 706,the display comes on and the menus seem to be functional. I checked voltages on the final board and found no T and no R voltages, On the filter board in the cw mode 8V. drops when the key is depressed, and same in the ssb mode. I have a schematic out of the service manual,its new, but I can't find the transistors that switch the R/T voltages or could this condition be caused by RL1 on the final board?
Thanks, John KF7OM

# 20578. 706 MkII DSP

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-07 02:03:15 UTC
From: Al Waschka
Topic: 20548  Message: 20578

I just bought a 706MkII that didn't come with a manual.  I found several manuals on line, but none of them describe a menu function S4 for DSP options or how to operate the DSP.  I think I figured it out, but I wonder what other functions might be in this radio that I don't know about.

73,

Al K5TAN

[Non-text portions of this message have been removed]

# 20579. Re: [ic706] 706 MkII DSP

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-07 02:07:49 UTC
From: LARRY J. FORD
Topic: 3589  Message: 20579

The DSP module was an "add-on" option for the 706MKII, no standard equipment, and thus was not covered in the standard manual. As I recall, there was an "Instruction Sheet" (or two) that came with the module when purchased.

I may have a copy on my hard drive somewhere, or you might look in the files section of the Yahoo Group web page.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 06 May 2013 10:04:48 PM EDT
From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706 MkII DSP

> I just bought a 706MkII that didn't come with a manual.  I found several manuals on line, but none of them describe a menu function S4 for DSP options or how to operate the DSP.  I think I figured it out, but I wonder what other functions might be in this radio that I don't know about.
>
> 73,
>
> Al K5TAN
>
> [Non-text portions of this message have been removed]
>
>

# 20580. Re: [ic706] 706 MkII DSP

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-07 02:12:11 UTC
From: Al Waschka
Topic: 3589  Message: 20580

Thanks Larry.  I did some more searching and thought that was what I was seeing, but its good to confirm it.  I'll check the files area and try searching for the manual as well.

73,

Al

--- On Mon, 5/6/13, LARRY J. FORD <lford@...> wrote:

From: LARRY J. FORD <lford@usa.net>
Subject: Re: [ic706] 706 MkII DSP
To: ic706@yahoogroups.com
Date: Monday, May 6, 2013, 10:07 PM

The DSP module was an "add-on" option for the 706MKII, no standard equipment, and thus was not covered in the standard manual. As I recall, there was an "Instruction Sheet" (or two) that came with the module when purchased.

I may have a copy on my hard drive somewhere, or you might look in the files section of the Yahoo Group web page.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 06 May 2013 10:04:48 PM EDT
From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706 MkII DSP

> I just bought a 706MkII that didn't come with a manual.  I found several manuals on line, but none of them describe a menu function S4 for DSP options or how to operate the DSP.  I think I figured it out, but I wonder what other functions might be in this radio that I don't know about.
>
> 73,
>
> Al K5TAN
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20581. Re: [ic706] 706 MkII DSP

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-07 03:20:24 UTC
From: Mike Rodgers
Topic: 3589  Message: 20581

Dsp has settings of 1-9 with 4-9 about useless. It also provides I believe a auto notch filter.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 6, 2013, at 9:12 PM, Al Waschka <awaschka@...> wrote:

> Thanks Larry. I did some more searching and thought that was what I was seeing, but its good to confirm it. I'll check the files area and try searching for the manual as well.
>
> 73,
>
> Al
>
> --- On Mon, 5/6/13, LARRY J. FORD <lford@...t> wrote:
>
> From: LARRY J. FORD <lford@...>
> Subject: Re: [ic706] 706 MkII DSP
> To: ic706@yahoogroups.com
> Date: Monday, May 6, 2013, 10:07 PM
>
>
>
> The DSP module was an "add-on" option for the 706MKII, no standard equipment,
> and thus was not covered in the standard manual. As I recall, there was an
> "Instruction Sheet" (or two) that came with the module when purchased.
>
> I may have a copy on my hard drive somewhere, or you might look in the files
> section of the Yahoo Group web page.
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Mon, 06 May 2013 10:04:48 PM EDT
> From: Al Waschka <awaschka@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 MkII DSP
>
> > I just bought a 706MkII that didn't come with a manual. I found several

> manuals on line, but none of them describe a menu function S4 for DSP options
> or how to operate the DSP. I think I figured it out, but I wonder what other
> functions might be in this radio that I don't know about.
> >
> > 73,
> >
> > Al K5TAN
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20582. Re: [ic706] 706 MkII DSP

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-07 03:39:25 UTC
From: Al Waschka
Topic: 3589  Message: 20582

found the instruction sheet.  Thanks everyone!

73,

Al

--- On Mon, 5/6/13, Mike Rodgers <mikerodgerske5gbc@...> wrote:

From: Mike Rodgers <mikerodgerske5gbc@...>
Subject: Re: [ic706] 706 MkII DSP
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Date: Monday, May 6, 2013, 11:20 PM

Dsp has settings of 1-9 with 4-9 about useless. It also provides I believe a auto notch filter.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 6, 2013, at 9:12 PM, Al Waschka <awaschka@...> wrote:

> Thanks Larry. I did some more searching and thought that was what I was seeing, but its good to confirm it. I'll check the files area and try searching for the manual as well.
>
> 73,
>
> Al
>
> --- On Mon, 5/6/13, LARRY J. FORD <lford@...> wrote:
>
> From: LARRY J. FORD <lford@...t>
> Subject: Re: [ic706] 706 MkII DSP
> To: ic706@yahoogroups.com
> Date: Monday, May 6, 2013, 10:07 PM
>
>
>
> The DSP module was an "add-on" option for the 706MKII, no standard equipment,
> and thus was not covered in the standard manual. As I recall, there was an
> "Instruction Sheet" (or two) that came with the module when purchased.
>
> I may have a copy on my hard drive somewhere, or you might look in the files

> section of the Yahoo Group web page.
>
> Larry J. Ford
> KG4GPJ
>
> ------ Original Message ------
> Received: Mon, 06 May 2013 10:04:48 PM EDT
> From: Al Waschka <awaschka@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 MkII DSP
>
> > I just bought a 706MkII that didn't come with a manual. I found several
> manuals on line, but none of them describe a menu function S4 for DSP options
> or how to operate the DSP. I think I figured it out, but I wonder what other
> functions might be in this radio that I don't know about.
> >
> > 73,
> >
> > Al K5TAN
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20583. No audio on transmit.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-12 15:30:58 UTC
From: kglong
Topic: 20583  Message: 20583

I have been looking and have not found anyone talking about this.

I have an IC-706mkIIG. Three years or so ago, it worked fine in my car. Now I am trying to set it up at home. I have antenna, feed line and power supply. These seem to be OK.

On FM, VHF and UHF, I receive fine. The problem is with transmission.

A carrier is transmitted but no audio. All you hear is static, above the background noise level.

I am using the remote control head with the separation cable.

I moved the mike to the back of the radio, but got the same results.

BTW, I don't have an hf antenna right now, so I cannot test the HF side.

Any suggestions?

Thanks,

Karl G. Long
KG1L
Owings, MD

# 20584. Re: [ic706] No audio on transmit.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-12 20:37:06 UTC
From: F4AVI Fabrice
Topic: 20583  Message: 20584

Le 12/05/2013 17:30, kglong a écrit :
>
> I have been looking and have not found anyone talking about this.
>
> I have an IC-706mkIIG. Three years or so ago, it worked fine in my
> car. Now I am trying to set it up at home. I have antenna, feed line
> and power supply. These seem to be OK.
>
> On FM, VHF and UHF, I receive fine. The problem is with transmission.
>
> A carrier is transmitted but no audio. All you hear is static, above
> the background noise level.
>
> I am using the remote control head with the separation cable.
>
> I moved the mike to the back of the radio, but got the same results.
>
> BTW, I don't have an hf antenna right now, so I cannot test the HF side.
>
> Any suggestions?
>
> Thanks,
>
> Karl G. Long
> KG1L
> Owings, MD
>
>
Hi Karl,
Did you test the other modes (SSB and AM) ?

--
73's de F4AVI Fabrice
fabrice@...

[Non-text portions of this message have been removed]

# 20585. Re: [ic706] No audio on transmit.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-12 20:47:17 UTC
From: AG0N-3055
Topic: 20583  Message: 20585

On Sun, 12 May 2013 15:30:58 -0000, kglong wrote:

> I moved the mike to the back of the radio, but got the same results.

But you didn't say that you tried it with the head mounted on the radio.

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 20586. Re: No audio on transmit.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-13 00:55:01 UTC
From: kglong
Topic: 20583  Message: 20586

Merci, Fabrice and Gary,

I have done some more testing and it looks like my power supply is broken.

Thanks for you suggestions.

Karl

--- In ic706@yahoogroups.com, F4AVI Fabrice <fabrice@...> wrote:
>
>
> Le 12/05/2013 17:30, kglong a écrit :
> >
> > I have been looking and have not found anyone talking about this.
> >
> > I have an IC-706mkIIG. Three years or so ago, it worked fine in my
> > car. Now I am trying to set it up at home. I have antenna, feed line
> > and power supply. These seem to be OK.
> >
> > On FM, VHF and UHF, I receive fine. The problem is with transmission.
> >
> > A carrier is transmitted but no audio. All you hear is static, above
> > the background noise level.
> >
> > I am using the remote control head with the separation cable.
> >
> > I moved the mike to the back of the radio, but got the same results.
> >
> > BTW, I don't have an hf antenna right now, so I cannot test the HF side.
> >
> > Any suggestions?
> >
> > Thanks,
> >
> > Karl G. Long
> > KG1L
> > Owings, MD
> >
> >
> Hi Karl,
> Did you test the other modes (SSB and AM) ?
>
>
> --
> 73's de F4AVI Fabrice
> fabrice@...

>
>
>
> [Non-text portions of this message have been removed]
>

# 20587. Re: [ic706] No audio on transmit.

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-13 01:41:13 UTC
From: steve schumm
Topic: 20583  Message: 20587

Hi Karl- I remember reading on this website, a capacitor or another part can be damaged where you plug in separation cable to either the control head or the main part of the radio. But i do not remeber what happens  to the radio. Plug the radio back to geteher just in case there is a bad connection in the cable. 73-Steve--WB2OEE

From: kglong <karl_g_long@hotmail.com>
To: ic706@yahoogroups.com
Sent: Sunday, May 12, 2013 11:30 AM
Subject: [ic706] No audio on transmit.

I have been looking and have not found anyone talking about this.

I have an IC-706mkIIG. Three years or so ago, it worked fine in my car. Now I am trying to set it up at home. I have antenna, feed line and power supply. These seem to be OK.

On FM, VHF and UHF, I receive fine. The problem is with transmission.

A carrier is transmitted but no audio. All you hear is static, above the background noise level.

I am using the remote control head with the separation cable.

I moved the mike to the back of the radio, but got the same results.

BTW, I don't have an hf antenna right now, so I cannot test the HF side.

Any suggestions?

Thanks,

Karl G. Long
KG1L
Owings, MD

[Non-text portions of this message have been removed]

# 20588. Re: RF output power high

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-16 22:04:51 UTC
From: n6wk_skcc3
Topic: 20086  Message: 20588

Hi Robert,
Did you ever find the cause of the high output?
I have a 706 here that is doing the same thing you describe. The power goes to full output on any setting over #4

Thanks,
Gordon
N6WK

--- In ic706@yahoogroups.com, "Robert" <n22dr@...> wrote:
>
> I have an IC706mk2g that puts out 150 watts on all HF bands. The power was measured with a bird wattmeter into a 50 ohm load. Also the internal power meter only reads 50 watts and the SWR indicator does not work. The internal HF power control has no effect. The power can be reduced by the front panel control but to get it to 100 watts I need to reduce the dial to 2 which originally was about 20 watts. I tried the Set Mode procedure in the service manual which had no effect. Has anyone experienced this problem? Thank You.
>

# 20589. FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 10:36:39 UTC
From: rotwang1955
Topic: 20589  Message: 20589

When running FM mode on my IC706MKII on either 6 or 10 meters the fuse in my power cord blows. Nothing spectacular (or particularly fast- usually gives me about 5-10 minutes) When I pull the old fuse out it's as hot as a 2 dollar pistol. Only on 6 and10 at full power FM. What should I be looking at?

Thanks

# 20590. Re: [ic706] FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 16:56:33 UTC
From: Ralph Mowery
Topic: 20589  Message: 20590

Make sure the output of the 706 is 100 watts.  Some reports of them are having problems of the power going to about 150 watts. Probably not your case.

Make sure the amp rating of the fuse is correct.  Chances are the fuse holder is not making good contact with the fuse. It may need changing or working on.  From what you describe, I would almost say the fuse is not making good contact with the holder and the heat is melting the fuse element from the end of the fuse.  Does the fuse look blown really bad or is it just sort of sagging in the middle ?  If so, suspect the holder.

>_____
>From: rotwang1955 <rotwang1955@yahoo.com>
>To: ic706@yahoogroups.com
>Sent: Friday, May 17, 2013 6:36 AM
>Subject: [ic706] FM heat
>
>
>When running FM mode on my IC706MKII on either 6 or 10 meters the fuse
>in my power cord blows. Nothing spectacular (or particularly fast-
>usually gives me about 5-10 minutes) When I pull the old fuse out it's
>as hot as a 2 dollar pistol. Only on 6 and10 at full power FM. What
>should I be looking at?
>

[Non-text portions of this message have been removed]

# 20591. Re: [ic706] FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 17:29:17 UTC
From: Mark Brueggemann
Topic: 20589  Message: 20591

--- On Fri, 5/17/13, rotwang1955 <rotwang1955@...> wrote:

> the fuse in my power cord blows.
> What should I be looking at?

Look at how much current the radio is actually drawing. That will show whether it's a rig, fuse, or fuse holder problem

Mark K5LXP
Albuquerque, NM

# 20592. Re: [ic706] FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 18:03:50 UTC
From: Facility 406 DM09
Topic: 20589  Message: 20592

"What should I be looking at?"

Actual current draw, fuse rating and I've had many problems in the past with loose fuse holders and loose fuse end caps.

Kurt

# 20593. Re: [ic706] FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 20:00:35 UTC
From: AG0N-3055
Topic: 20589  Message: 20593

On Fri, 17 May 2013 10:36:39 -0000, rotwang1955 wrote:

> Only on 6 and10 at full power FM. What
> should I be looking at?

First, look at the duty cycle. How long are you keeping it keyed and how long is it unkeyed. It sounds like you are running full power on those bands. Being on FM means the radio is running full power the entire time you have it is keyed. It needs that cooldown time unkeyed to recover from a long winded key down situation. The fuses and all connectors need to be looked at during those periods right after you let up the PTT. Feel them with your hand. If they are warmer than ambient, they are producing heat and also losing a little voltage drop across them. The longer it goes on, the worse it will get. When it gets really bad, you'll melt the solder in the end of the fuse ends, where the fuse element are welded. The crimps on the wire in the power connector and the fuse holders also need to be looked at suspiciously. Heat is a no-no. Even the device that the fuse slides in to needs to be looked at, as well as the spring that holds tension on the fuse itself. I've had many of the springs lose temper due to heat and have to be thrown away. It should press hard on the fuse, if the holder is that type of holder.

Look for heat. Check for current draw, etc.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20594. Re: [ic706] FM heat

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-17 21:37:07 UTC
From: Mike Rodgers
Topic: 20589  Message: 20594

If possible measure current draw. If you have much voltage drop, your probally going to have added current.

Those stock fuse holders give problems at times SO it would be a wonderfull idea to change them to oversize fuses for more contact area
available in blade or cartridge style.
You can get them at Wal Mart or car stereo suppliers.

Make sure your power leads are not excessively long. Shorter is better with no breaks/extra connectors/splices.

You can also try 90 watts or if no wattmeter power level about 8.

The Molex plug on the back of the rig may be getting hot also. You don't want any potential damage there so either a increase in duty cycle or reduction in power may be in order.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 17, 2013, at 5:36 AM, "rotwang1955" <rotwang1955@...> wrote:

> When running FM mode on my IC706MKII on either 6 or 10 meters the fuse
> in my power cord blows. Nothing spectacular (or particularly fast-
> usually gives me about 5-10 minutes) When I pull the old fuse out it's
> as hot as a 2 dollar pistol. Only on 6 and10 at full power FM. What
> should I be looking at?
>
> Thanks
>
>

[Non-text portions of this message have been removed]

# 20595. Re: ICom 706 faceplate release button

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-18 15:54:48 UTC
From: Frank
Topic: 20572  Message: 20595

--- In ic706@yahoogroups.com, "Tom" <tseals4@...> wrote:
>
> And the spring. That is what I am missing.
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
> Frank
> Sent: Saturday, May 04, 2013 11:24 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] ICom 706 faceplate release
> release button for my Icom 706MKIIG?
>
> W0RB Frank in Denver
>Fixed got the parts from ICom america

# 20596. Icom HM-154t mic problem with Icom MK-IIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 03:04:40 UTC
From: qsl_pls
Topic: 20596  Message: 20596

Hi all,

I have a MK-IIg with an HM-154t mic and the freq change up/dn buttons are not working. I have the switch on the side of the mic set properly and am wondering if maybe some setting that I used in the Initial Settings or elsewhere on the rig may have overrode this function.

Any thought will be appreciated.

Tnx and 73,
Rik
w2rik

# 20597. Re: [ic706] Icom HM-154t mic problem with Icom MK-IIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 03:12:08 UTC
From: Ralph Mowery
Topic: 20596  Message: 20597

They can be set so they can be used as a CW keyer.  Look in the manual to see where that is in the setup.
Not sure off the top of my head if they can beset for anythingelse or not.

>_____
>From: qsl_pls <w2rik@...>
>To: ic706@yahoogroups.com
>Sent: Thursday, May 23, 2013 11:04 PM
>Subject: [ic706] Icom HM-154t mic problem with Icom MK-IIg
>
>
>Hi all,
>
>I have a MK-IIg with an HM-154t mic and the freq change up/dn buttons are not working. I have the switch on the side of the mic set properly and am wondering if maybe some setting that I used in the Initial Settings or elsewhere on the rig may have overrode this function.
>
>Any thought will be appreciated.
>
>Tnx and 73,
>Rik
>w2rik
>
>
>

[Non-text portions of this message have been removed]

# 20598. Re: Icom HM-154t mic problem with Icom MK-IIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 03:35:11 UTC
From: qsl_pls
Topic: 20596  Message: 20598

I DO have my mic set up as a CW keyer, I will disable that and see if it resolves my problem.

Tnx for the tip!

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> They can be set so they can be used as a CW keyer.  Look in the manual to see where that is in the setup.
> Not sure off the top of my head if they can beset for anythingelse or not.
>
>
>
> >_____
> >From: qsl_pls <w2rik@...>
> >To: ic706@yahoogroups.com
> >Sent: Thursday, May 23, 2013 11:04 PM
> >Subject: [ic706] Icom HM-154t mic problem with Icom MK-IIg
> >
> >
> >Hi all,
> >
> >I have a MK-IIg with an HM-154t mic and the freq change up/dn buttons are not working. I have the switch on the side of the mic set properly and am wondering if maybe some setting that I used in the Initial Settings or elsewhere on the rig may have overrode this function.
> >
> >Any thought will be appreciated.
> >
> >Tnx and 73,
> >Rik
> >w2rik
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>

# 20599. iC - 706 MK 2 G ON 40 METERS

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 12:59:52 UTC
From: DaveS
Topic: 20599  Message: 20599

Hello All,
My 706 mk 2 g is deaf on 40 meters and also has no output on 40. tried a full reset but no help with this problem. can anyone give me some advice on what would cause this problem? All other band are working fine in receive and transmit. I sure could use some help here. I am at a total loss here. I even checked the antenna on another radio on 40 meters and it works fine, so it is not the antenna. Please help me with this problem, 73.
Dave

# 20600. RE: [ic706] iC - 706 MK 2 G ON 40 METERS

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 13:04:42 UTC
From: barry whittemore
Topic: 20599  Message: 20600

sounds like one of your filter relays is not functioning. I had to replace a few of mine. Be carefull when attempting to TX as it is at full power with no where to go.
I have the orig 706 so do not have svc man for the 2G but you should be able to find it. it will likely be either the radio or antenna side relay. either will cause the issue.
Barry
NF1O

To: ic706@yahoogroups.com
From: kc8pcl@...
Date: Fri, 24 May 2013 12:59:52 +0000
Subject: [ic706] iC - 706 MK 2 G ON 40 METERS

Hello All,

My 706 mk 2 g is deaf on 40 meters and also has no output on 40. tried a full reset but no help with this problem. can anyone give me some advice on what would cause this problem? All other band are working fine in receive and transmit. I sure could use some help here. I am at a total loss here. I even checked the antenna on another radio on 40 meters and it works fine, so it is not the antenna. Please help me with this problem, 73.

Dave

[Non-text portions of this message have been removed]

# 20601. Re: Icom HM-154t mic problem with Icom MK-IIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 22:32:26 UTC
From: qsl_pls
Topic: 20596  Message: 20601

That did the trick, OM, tnx!

--- In ic706@yahoogroups.com, "qsl_pls" <qsl_pls@...> wrote:
>
> I DO have my mic set up as a CW keyer, I will disable that and see if it resolves my problem.
>
> Tnx for the tip!
>
> --- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@> wrote:
> >
> > They can be set so they can be used as a CW keyer.  Look in the manual to see where that is in the setup.
> > Not sure off the top of my head if they can beset for anythingelse or not.
> >
> >
> >
> > >_____
> > >From: qsl_pls <w2rik@>
> > >To: ic706@yahoogroups.com
> > >Sent: Thursday, May 23, 2013 11:04 PM
> > >Subject: [ic706] Icom HM-154t mic problem with Icom MK-IIg
> > >
> > >
> > >Hi all,
> > >
> > >I have a MK-IIg with an HM-154t mic and the freq change up/dn buttons are not working. I have the switch on the side of the mic set properly and am wondering if maybe some setting that I used in the Initial Settings or elsewhere on the rig may have overrode this function.
> > >
> > >Any thought will be appreciated.
> > >
> > >Tnx and 73,
> > >Rik
> > >w2rik
> > >
> > >
> > >
> >
> > [Non-text portions of this message have been removed]
> >
>

# 20602. APRS

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-24 01:37:34 UTC
From: zl3rew
Topic: 20602  Message: 20602

Hi All,
Anyone set up their 706mk2g for hf aprs with a TT3.
Any help would be appreciated.
Cheers,
Robin ZL3REW

# 20603. IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-27 02:27:53 UTC
From: Larry
Topic: 20603  Message: 20603

Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?

Thanks all!

73,
Larry, N2HBX

# 20604. Re: IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-27 09:30:28 UTC
From: gw0div@btinternet.com
Topic: 20603  Message: 20604

Is the interface cable ok?

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "Larry" <n2hbx@...> wrote:
>
> Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?
>
> Thanks all!
>
> 73,
> Larry, N2HBX
>

# 20605. Re: [ic706] IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-27 14:09:25 UTC
From: w2dhb@...
Topic: 20603  Message: 20605

I run my IC-706 (original) with the LDG IT-100 in my Montana, it was plug and play. I have two Hustler masts (switch-able) on my van with multiple resonators for each. Both the radio tune button and the LDG button work fine. Check your interface cable. Pat, W2DHB

In a message dated 5/26/2013 10:27:57 P.M. Eastern Daylight Time, n2hbx@... writes:

Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?

Thanks all!

73,
Larry, N2HBX

[Non-text portions of this message have been removed]

# 20606. Re: [ic706] IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-27 15:59:10 UTC
From: LARRY J. FORD
Topic: 20603  Message: 20606

Assuming that:

1. The LDG IT-100 is truly "plug-compatible" with the 4-pin Molex tuner port connector on the back of the IC-706;

2. The interface cable between the LDG IT-100 and the IC-706 is wired correctly and not damaged; and,

3. You're not trying to tune the IC-706 on 6 meters with the "TUNE" control button on the front of the rig;

Then

Check ITEM 13 in the SET Menu (page 44) of the IC-706 Manual: If "OFF" (Tuning starts only when the TUNE button is pushed), trying setting it to "ON" (PTT Tune) and see if the tuner starts a tuning cycle when the PTT is pushed on a new frequency. If "ON," set it to "OFF."

You might need to reset the CPU if 1,2 & 3 are not the issue, and resetting ITEM 13 doesn't work.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 26 May 2013 10:28:20 PM EDT
From: "Larry" <n2hbx@...>
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 1st Gen and LDG IT-100 Tuner

> Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?
>
> Thanks all!
>
> 73,
> Larry, N2HBX
>
>

# 20607. Re: IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-28 02:03:19 UTC
From: Larry
Topic: 20603  Message: 20607

Looks like the problem was, in fact, trying to use the TUNE button on 6 meters. Did not realize that the TUNE button was disabled on 6. Installed my 20 meter hamstick and hit the button...SUCCESS!!! Thanks for the assistance!

73,
Larry, N2HBX

--- In ic706@yahoogroups.com, "Larry" <n2hbx@...> wrote:
>
> Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?
>
> Thanks all!
>
> 73,
> Larry, N2HBX
>

# 20608. Re: [ic706] Re: IC-706 1st Gen and LDG IT-100 Tuner

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-28 14:22:50 UTC
From: LARRY J. FORD
Topic: 20603  Message: 20608

The archives have postings on the fact that the IC-706 CPU did not have the internal circuits and/or "firmware" to enable tuning the AH-3/4 on 6 meters.

That is noted in the documentation for the AH-4 (and probably in the IC-706 manual as well).

Tuning on 6 meters in the IC-706 series was introduced with the IC-706MKII.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 27 May 2013 10:03:40 PM EDT
From: "Larry" <n2hbx@aol.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC-706 1st Gen and LDG IT-100 Tuner

> Looks like the problem was, in fact, trying to use the TUNE button on 6 meters. Did not realize that the TUNE button was disabled on 6. Installed my 20 meter hamstick and hit the button...SUCCESS!!! Thanks for the assistance!
>
> 73,
> Larry, N2HBX
>
> --- In ic706@yahoogroups.com, "Larry" <n2hbx@...> wrote:
> >
> > Anyone have any input on using a 1st generation 706 and and LDG IT-100 auto tuner? Seems that it does not respond to the TUNE button on the 706, but the tuner works fine with its own tune button. How should the tuner setup in the 706 be set?
> >
> > Thanks all!
> >
> > 73,
> > Larry, N2HBX
> >
>
>
>

# 20609. No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-30 00:10:49 UTC
From: islandsurfer58
Topic: 20609  Message: 20609

Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC

# 20610. Modulation ☐ Demodulation Software Radio releases MDSR V2.6

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 01:07:55 UTC
From: alexschwarz237
Topic: 20610  Message: 20610

Hi Everybody;

The next version of the MDSR software V2.6 is now available. This software is free for amateur radio operators and it requires a 12kHz IF output from a receiver's IF or a 455kHz IF to 12kHz down-converter. The IF is digitized through the soundcard and processed, demodulated to increase the AF audio quality of standard transceivers.

The MDSR is a multi platform software that can adapt to any transceiver with a CAT interface and enhances the user interface and modes available. Currently the MDSR can demodulate a SSB,AM, DRM and a wide range of digital modes like, PSK, RTTY, QPSK, Morse code decoding and many more.

In the latest version V2.6 the MDSR software extends the local transceiver via the internet to a remote location.

Please go to:

http://users.skynet.be/myspace/mdsr

For more info and how you can upgrade your analog transceiver to an SDR.

All the bests and happy DX;

The MDSR Team

# 20611. Re: No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 09:31:35 UTC
From: gw0div@btinternet.com
Topic: 20609  Message: 20611

SSB doesn't have a carrier?? How are you measuring the 100W output and how are you monitoring the audio? I would guess at a mic problem if it works ok with other mics ??

Rhys
GW0DIV

--- In ic706@yahoogroups.com, "islandsurfer58" <islandsurfer58@...> wrote:
>
> Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC
>

# 20612. Re: [ic706] Re: No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 09:45:53 UTC
From: A Wallace
Topic: 20609  Message: 20612

Maybe the hum level on the audio is the cause of the high power out?
Adrian
VK5AW

On 31/05/2013 7:01 PM, gw0div@... wrote:
>
> SSB doesn't have a carrier?? How are you measuring the 100W output and
> how are you monitoring the audio? I would guess at a mic problem if it
> works ok with other mics ??
>
> Rhys
> GW0DIV
>
> --- In ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>,
> "islandsurfer58" <islandsurfer58@...> wrote:
> >
> > Radio mkiig and watt meter shows full 100 watts out on ssb but no
> audio. First started with a loud hum when I turned on the radio.
> Unplugging the mike the hum stopped or if I plugged in a head set it
> went away. Made a few contacts but now it's only the carrier going
> out. Did all the manual adjustment, both mike jacks and tried the Heil
> mike. Nothing. Antenna swr no change in it. Radio is well grounded.
> Don't use the other modes but will check them next. When mike keyed in
> ssb the meter shows full power out without talking into it. Thanks,
> Ron. HP3RJC
> >
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2013.0.2904 / Virus Database: 3184/6365 - Release Date: 05/28/13
>

[Non-text portions of this message have been removed]

# 20613. Re: [ic706] No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 11:44:37 UTC
From: Mike Rodgers
Topic: 20609  Message: 20613

All bands?

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 29, 2013, at 7:10 PM, "islandsurfer58" <islandsurfer58@...> wrote:

> Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC
>
>

[Non-text portions of this message have been removed]

# 20614. Re:

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 23:34:02 UTC
From: dihanangelo@...
Topic: 20614  Message: 20614

Hi http://bompreco.net/nx/x9t0j2o3.htm

# 20615. Re: No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-05-31 18:28:47 UTC
From: islandsurfer58
Topic: 20609  Message: 20615

Turned on the radio this afternoon and all working OK. Go figure. Worked a few stations on 15 and all was good. Wounder if there was a lightning strike near by that could have caused the problem. OK back to looking for some dx today. Adios HP3RJC

--- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
>
> All bands?
>
> Play me some fiddle, but no stinkin' violin!
>
> Amateur/Ham Radio KE5GBC
> HF & Echolink mobile
>
> On May 29, 2013, at 7:10 PM, "islandsurfer58" <islandsurfer58@...> wrote:
>
> > Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 20616. Re: [ic706] Re: No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-01 15:44:16 UTC
From: Mike Rodgers
Topic: 20609  Message: 20616

Could that have been on 15/17 only?
If so tighten all the boards mounting/grounding screws if it happens again.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 31, 2013, at 1:28 PM, "islandsurfer58" <islandsurfer58@...> wrote:

> Turned on the radio this afternoon and all working OK. Go figure. Worked a few stations on 15 and all was good. Wounder if there was a lightning strike near by that could have caused the problem. OK back to looking for some dx today. Adios HP3RJC
>
> --- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
> >
> > All bands?
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On May 29, 2013, at 7:10 PM, "islandsurfer58" <islandsurfer58@...> wrote:
> >
> > > Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

[Non-text portions of this message have been removed]

# 20617. Re: [ic706] Re: No audio on ssb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-01 17:04:03 UTC
From: RON JAY
Topic: 20609  Message: 20617

It was all bands all modes. Its still working OK this morning. Thanks all for the suggestions. Hasta Luego, HP3RJC

---

From: Mike Rodgers <mikerodgerske5gbc@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Sent: Saturday, June 1, 2013 10:44 AM
Subject: Re: [ic706] Re: No audio on ssb

Could that have been on 15/17 only?
If so tighten all the boards mounting/grounding screws if it happens again.

73
Mike R

Play me some fiddle, but no stinkin' violin!

Amateur/Ham Radio KE5GBC
HF & Echolink mobile

On May 31, 2013, at 1:28 PM, "islandsurfer58" <islandsurfer58@...> wrote:

> Turned on the radio this afternoon and all working OK. Go figure. Worked a few stations on 15 and all was good. Wounder if there was a lightning strike near by that could have caused the problem. OK back to looking for some dx today. Adios HP3RJC
>
> --- In ic706@yahoogroups.com, Mike Rodgers <mikerodgerske5gbc@...> wrote:
> >
> > All bands?
> >
> > Play me some fiddle, but no stinkin' violin!
> >
> > Amateur/Ham Radio KE5GBC
> > HF & Echolink mobile
> >
> > On May 29, 2013, at 7:10 PM, "islandsurfer58" <islandsurfer58@...> wrote:
> >
> > > Radio mkiig and watt meter shows full 100 watts out on ssb but no audio. First started with a loud hum when I turned on the radio. Unplugging the mike the hum stopped or if I plugged in a head set it went away. Made a few contacts but now it's only the carrier going out. Did all the manual adjustment, both mike jacks and tried the Heil mike. Nothing. Antenna swr no change in it. Radio is well grounded. Don't use the other modes but will check them next. When mike keyed in ssb the meter shows full power out without talking into it. Thanks, Ron. HP3RJC
> > >
> > >
> >

> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20618. Re:

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-02 17:25:54 UTC
From: dihanangelo@...
Topic: 20618  Message: 20618

hi. http://mpreprointranet.com/nx/i2r8h3m1.htm

# 20619. Re:

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-03 03:07:25 UTC
From: dihanangelo@...
Topic: 20619  Message: 20619

Hi. http://airborne-powerline-inspections.com/nx/n3j8m9n6.shtml

# 20620. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-05 19:27:22 UTC
From: Mike Rodgers
Topic: 20620  Message: 20620

http://www.guschlbauer.eu/iikhhda/ttt.php

[Non-text portions of this message have been removed]

# 20621. MK2G Main Board 5V H5V problem - radio won't power up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-09 13:12:09 UTC
From: vk2kn
Topic: 20621  Message: 20621

Thanks for taking the time to read my post.

The 5V regulator (IC271 TA78L05F) on my PLL board blew which I replaced, but I have found that while I have J1381 between the the PLL and MAIN boards disconnected, I have 5V on J254 pin 1 (H5V) and 13.8V on pin 32 (HV), but when the PLL BOARD is connected to the MAIN BOARD, the voltage on HV line drops to 2V and now no voltage shows on the output of the regulator supplying H5V.

I lifted D217 on the PLL board (between HV and 5V regulator input) and found that HV wasn't pulled down when the MAIN board connected, so the issue seems to be with the 5V rail.

Next, I lifted L2001 (10uH) on H5V rail on the MAIN board and found that H5V tested 5V to the inductor pad and the 13.8V HV line was OK.

Measuring the DC resistance between the CPU side of L2001 and MAIN BOARD ground shows 3.4Ω. I suspect that there might be a faulty SMD Cap or the CPU has died. I've checked D2141 and I can't see any other components that may be causing this unless the E2PROM IC2121 is cactus, but I wouldn't have thought so.

Is there anyone else out there that's had a similar problem and willing to shed some light on this and can anyone measure the DC resistance between L2001 on the top side of the MAIN BOARD and ground and advise if they're also seeing 3.4Ω or some other value?

Many thanks,
Peter - VK2KN/VK4LC

# 20622. Length of 706 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 03:35:41 UTC
From: terry_ve7up
Topic: 20622  Message: 20622

Does anyone know if there is any specific length restrictions for remote mounting the faceplate on a IC-706MK2G?

# 20623. Re: [ic706] Length of 706 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 06:02:49 UTC
From: Facility 406 DM09
Topic: 20622  Message: 20623

"Does anyone know if there is any specific length restrictions for remote mounting the faceplate on a IC-706MK2G?"

Are you altering the original factory cable?

Kurt

# 20624. Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 03:43:02 UTC
From: edriscoll2000
Topic: 20624  Message: 20624

Does anyone know of a hardware/software method of using a computer and software to interface with the 706 to create an outboard band scope/panadapter type display to see signals up and down the band being worked, such as the Pro II/III and 7600 have in their displays?

# 20625. Re: [ic706] Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 10:21:31 UTC
From: w5sum
Topic: 20624  Message: 20625

now that would be cool
----- Original Message -----
From: edriscoll2000
To: ic706@yahoogroups.com
Sent: Monday, June 10, 2013 10:43 PM
Subject: [ic706] Band scope, panadapter, frequency scope: How to outboard one with software?

Does anyone know of a hardware/software method of using a computer and software to interface with the 706 to create an outboard band scope/panadapter type display to see signals up and down the band being worked, such as the Pro II/III and 7600 have in their displays?

[Non-text portions of this message have been removed]

# 20626. Re: [ic706] Length of 706 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 13:55:56 UTC
From: LARRY J. FORD
Topic: 20622  Message: 20626

To my knowledge, there is not a limit published in the manuals for the IC-706 and IC-706MKII that I have.

However, at some point, it would seem that signal losses from a long run of cable might begin to affect communication between the control head and radio body.

I guess one would have to find out what gauge wire is used in the factory cable to begin to calculate those losses.

You might call the Tech Support folks at ICOM America in WA and ask them; those guys are pretty good at answering such technical questions. I've pestered them several times.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 10 Jun 2013 11:36:10 PM EDT
From: "terry_ve7up" <pootonsdad@...>
To: ic706@yahoogroups.com
Subject: [ic706] Length of 706 remote cable

> Does anyone know if there is any specific length restrictions for remote mounting the faceplate on a IC-706MK2G?
>
>

# 20627. Re: [ic706] Length of 706 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 14:08:05 UTC
From: Colin XSD
Topic: 20622  Message: 20627

I have extended mine to about 10m (30ft) using good quality CAT5 cable however I do sometimes get RF breaking through into the Mic on certain bands on full power, in hindsight I should have used screened cable but didn’t have any to hand.

73, Colin M0XSD.

From: LARRY J. FORD
Sent: Tuesday, June 11, 2013 1:55 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Length of 706 remote cable

To my knowledge, there is not a limit published in the manuals for the IC-706 and IC-706MKII that I have.

However, at some point, it would seem that signal losses from a long run of cable might begin to affect communication between the control head and radio body.

I guess one would have to find out what gauge wire is used in the factory cable to begin to calculate those losses.

You might call the Tech Support folks at ICOM America in WA and ask them; those guys are pretty good at answering such technical questions. I've pestered them several times.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 10 Jun 2013 11:36:10 PM EDT
From: "terry_ve7up" <mailto:pootonsdad%40vanderhoof.net>
To: mailto:ic706%40yahoogroups.com
Subject: [ic706] Length of 706 remote cable

> Does anyone know if there is any specific length restrictions for remote mounting the faceplate on a IC-706MK2G?
>
>

[Non-text portions of this message have been removed]

# 20628. Re: [ic706] Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 11:57:30 UTC
From: David
Topic: 20624  Message: 20628

Ham radio deluxe software used to have that functionality when I had  a Yaesu ft-847.
From: edriscoll2000 <ne5n@...>
To: ic706@yahoogroups.com
Sent: Tuesday, June 11, 2013 12:43:02 AM
Subject: [ic706] Band scope, panadapter, frequency scope: How to outboard one with software?

Does anyone know of a hardware/software method of using a computer and software to interface with the 706 to create an outboard band scope/panadapter type display to see signals up and down the band being worked, such as the Pro II/III and 7600 have in their displays?

[Non-text portions of this message have been removed]

# 20629. Re: [ic706] Length of 706 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-11 15:08:32 UTC
From: LARRY J. FORD
Topic: 20622  Message: 20629

Yep, I meant to add to my posting that at certain lengths, and on certain bands, you may turn the control cable into a nice receiving antenna for RF!

Shielded cable, plus judicious use of ferrite chokes and/or toroid cores would likely be advisable.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Tue, 11 Jun 2013 10:38:07 AM EDT
From: "Colin XSD" <m0xsd@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Length of 706 remote cable

> I have extended mine to about 10m (30ft) using good quality CAT5 cable however I do sometimes get RF breaking through into the Mic on certain bands on full power, in hindsight I should have used screened cable but didn't have any to hand.
>
>
> 73, Colin M0XSD.
>
> From: LARRY J. FORD
> Sent: Tuesday, June 11, 2013 1:55 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Length of 706 remote cable
>
>
> To my knowledge, there is not a limit published in the manuals for the IC-706
> and IC-706MKII that I have.
>
> However, at some point, it would seem that signal losses from a long run of
> cable might begin to affect communication between the control head and radio
> body.
>
> I guess one would have to find out what gauge wire is used in the factory
> cable to begin to calculate those losses.
>
> You might call the Tech Support folks at ICOM America in WA and ask them;
> those guys are pretty good at answering such technical questions. I've
> pestered them several times.
>
> Larry J. Ford

> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 10 Jun 2013 11:36:10 PM EDT
> From: "terry_ve7up" <mailto:pootonsdad%40vanderhoof.net>
> To: mailto:ic706%40yahoogroups.com
> Subject: [ic706] Length of 706 remote cable
>
> > Does anyone know if there is any specific length restrictions for remote
> mounting the faceplate on a IC-706MK2G?
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20630. Re: Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-12 04:13:06 UTC
From: vk2kn
Topic: 20624  Message: 20630

Take a tap off the first IF @ 69.0115MHz (SSB/AM/FM) and feed it into a $20 RTL2838 DVB-T USB dongle running SDR# on windows or GRC/GNU-RADIO/FFTW on LINUX.

If you use the 2nd IF (9.0115MHz), you'll need to mix the output to get it in the tuning range of the dongle which is typically 50MHz to 2GHz.

A raspberry pi will run FFTW and composite video o/p could be fed into a small screen as used with reversing cameras and composite input found on some 7in DIN mount car systems for field day/mobile use too.

Peter
VK2KN/VK4LC

# 20631. RE: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-13 04:10:44 UTC
From: Ed Driscoll
Topic: 20624  Message: 20631

Thanks for your reply. I figured the info would have to come from the if. I couldn't see how info from a sound card hookup like in HRD w DM780 could display ssb signals on a waterfall, for example. Thanks again. I will look into this.
Ed NE5N

> To: ic706@yahoogroups.com
> From: pete.kohlmayer@...
> Date: Wed, 12 Jun 2013 04:13:06 +0000
> Subject: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?
>
> Take a tap off the first IF @ 69.0115MHz (SSB/AM/FM) and feed it into a $20 RTL2838 DVB-T USB dongle running SDR# on windows or GRC/GNU-RADIO/FFTW on LINUX.
>
> If you use the 2nd IF (9.0115MHz), you'll need to mix the output to get it in the tuning range of the dongle which is typically 50MHz to 2GHz.
>
> A raspberry pi will run FFTW and composite video o/p could be fed into a small screen as used with reversing cameras and composite input found on some 7in DIN mount car systems for field day/mobile use too.
>
> Peter
> VK2KN/VK4LC
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

# 20632. Re: Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 08:59:39 UTC
From: gw0div@btinternet.com
Topic: 20624  Message: 20632

HRD will display signals on a waterfall, but only across the bandwidth of the audio card, usually about 96KHz, limited a bit by the audio bandwidth of the receiver.

Rhys

GW0DIV

--- In ic706@yahoogroups.com, Ed Driscoll <ne5n@...> wrote:
>
> Thanks for your reply. I figured the info would have to come from the if. I couldn't see how info from a sound card hookup like in HRD w DM780 could display ssb signals on a waterfall, for example. Thanks again. I will look into this.
> Ed NE5N
>
> > To: ic706@yahoogroups.com
> > From: pete.kohlmayer@...
> > Date: Wed, 12 Jun 2013 04:13:06 +0000
> > Subject: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?
> >
> > Take a tap off the first IF @ 69.0115MHz (SSB/AM/FM) and feed it into a $20 RTL2838 DVB-T USB dongle running SDR# on windows or GRC/GNU-RADIO/FFTW on LINUX.
> >
> > If you use the 2nd IF (9.0115MHz), you'll need to mix the output to get it in the tuning range of the dongle which is typically 50MHz to 2GHz.
> >
> > A raspberry pi will run FFTW and composite video o/p could be fed into a small screen as used with reversing cameras and composite input found on some 7in DIN mount car systems for field day/mobile use too.
> >
> > Peter
> > VK2KN/VK4LC
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]

>

# 20633. IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 11:33:19 UTC
From: David
Topic: 20633  Message: 20633

Does anyone know where I can send my "sick" IC-706 for repair...any repair centers? My 706 will not turn on, have checked the dc cord, fuses etc. I have 2 and the heads are okay. Any info much appreciated. 73

Thanks,

Dave KW1V

# 20634. Re: [ic706] IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 11:47:57 UTC
From: w5sum
Topic: 20633  Message: 20634

http://www.hamrepair.com/

did a fine job on my 706 and my ts830S
----- Original Message -----
From: David
To: ic706@yahoogroups.com
Sent: Friday, June 14, 2013 6:33 AM
Subject: [ic706] IC-706 Repair...

Does anyone know where I can send my "sick" IC-706 for repair...any repair centers? My 706 will not turn on, have checked the dc cord, fuses etc. I have 2 and the heads are okay. Any info much appreciated. 73

Thanks,

Dave KW1V

[Non-text portions of this message have been removed]

# 20635. Re: [ic706] IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 11:57:41 UTC
From: Ralph Mowery
Topic: 20633  Message: 20635

Matt at http://www.sarts1.com/ repaired my 706 about 2 years ago that had the same type problem.  Cost was just under $ 100 including his shipping back to me.

Lots of the 706 rigs seem to hae the same problem.

>_____
>From: David <kw1v@...>
>To: ic706@yahoogroups.com
>Sent: Friday, June 14, 2013 7:33 AM
>Subject: [ic706] IC-706 Repair...
>
>
>Does anyone know where I can send my "sick" IC-706 for repair...any repair centers?  My 706 will not turn on, have checked the dc cord, fuses etc.  I have 2 and the heads are okay.  Any info much appreciated.  73
>
>Thanks,
>
>Dave KW1V
>
>
>
>------------------------------------
>
>Yahoo! Groups Links
>
>
>
>
>
>
>

[Non-text portions of this message have been removed]

# 20636. Re: [ic706] IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 13:10:06 UTC
From: john gabbard
Topic: 20633  Message: 20636

Try Tim Moes tcmmoes@...
WD0FKC at Midwest Technical Services
605 882 1706
He fixed my 706, aligned it and at a very fair price and turn around time
was about a week.
His reviews are in Eham.net.
John KF7OM

On Fri, Jun 14, 2013 at 4:33 AM, David <kw1v@...> wrote:

> **
>
>
> Does anyone know where I can send my "sick" IC-706 for repair...any repair
> centers? My 706 will not turn on, have checked the dc cord, fuses etc. I
> have 2 and the heads are okay. Any info much appreciated. 73
>
> Thanks,
>
> Dave KW1V
>
>
>

[Non-text portions of this message have been removed]

# 20637. Re: [ic706] IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 13:59:41 UTC
From: LARRY J. FORD
Topic: 20633  Message: 20637

I highly recommend Matt Adrian's shop, SAR Technical Services, Inc., an ICOM-authorized, but independently-owned shop in Michigan.

I have sent two 706s, an IC-7200, and an AH-4 tuner to him for various repairs and mods over the past few years.

All work has been performed quite well, quite reasonably, and in a timely manner. In fact, he refused to charge me for trouble-shooting the AH-4 when it turned-out to be just a bad coax cable that I had missed in my own trouble-shooting efforts.

Check out his ratings on eHam.

SAR Technical Services, Inc.
1792 Nash Dr.
St. Joseph, MI 49085
269-429-2334

http://www.sarts1.com

No financial interest, just a satisfied customer.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Fri, 14 Jun 2013 07:33:32 AM EDT
From: "David" <kw1v@...>
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 Repair...

> Does anyone know where I can send my "sick" IC-706 for repair...any repair centers? My 706 will not turn on, have checked the dc cord, fuses etc. I have 2 and the heads are okay. Any info much appreciated. 73
>
> Thanks,
>
> Dave KW1V
>
>

# 20638. Re: [ic706] IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 14:14:15 UTC
From: Wayne Bowyer
Topic: 20633  Message: 20638

N1EQ......Mike Nadeau is the best out there. He's reasonable, fast and
honest. Doesn't get any better than that.
On Jun 14, 2013 7:33 AM, "David" <kw1v@...> wrote:

> **
>
>
> Does anyone know where I can send my "sick" IC-706 for repair...any repair
> centers? My 706 will not turn on, have checked the dc cord, fuses etc. I
> have 2 and the heads are okay. Any info much appreciated. 73
>
> Thanks,
>
> Dave KW1V
>
>
>

[Non-text portions of this message have been removed]

# 20639. Re: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-14 11:07:21 UTC
From: David
Topic: 20624  Message: 20639

Very true and there is a bandscope function that will tune the radio across the frequencies you set with a nice display. Granted its not as fast as a spectrum analyser or some other solutions but it worked for me with my old yaesu a year or so ago. The sweep speed was limited by yaesu's CAT port, in Icoms case, CIV. This was selected from a drop down menu from the main tuning screen, not from within DM780. With that implementation HRD would have been reading back the received signal level from the CAT port and my asumption here (which is never a good thing) is that the Icom will support bidirectional communications and report this back to HRD so this feature should be enabled.
 I am interested in setting this up as I recently picked up an origional 706 that has a few issues and when Ive made the repairs and put together a CIV interface I will look into this a little more.

HTH,
Dave, VE1DAY

From: "gw0div@..." <gw0div@...>
To: ic706@yahoogroups.com
Sent: Friday, June 14, 2013 5:59:39 AM
Subject: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?

HRD will display signals on a waterfall, but only across the bandwidth of the audio card, usually about 96KHz, limited a bit by the audio bandwidth of the receiver.

Rhys

GW0DIV

--- In mailto:ic706%40yahoogroups.com, Ed Driscoll <ne5n@...> wrote:
>
> Thanks for your reply. I figured the info would have to come from the if. I couldn't see how info from a sound card hookup like in HRD w DM780 could display ssb signals on a waterfall, for example. Thanks again. I will look into this.
> Ed NE5N
>
> > To: mailto:ic706%40yahoogroups.com
> > From: pete.kohlmayer@...
> > Date: Wed, 12 Jun 2013 04:13:06 +0000
> > Subject: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?
> >
> > Take a tap off the first IF @ 69.0115MHz (SSB/AM/FM) and feed it into a $20 RTL2838 DVB-T USB dongle running SDR# on windows or GRC/GNU-RADIO/FFTW on LINUX.
> >
> > If you use the 2nd IF (9.0115MHz), you'll need to mix the output to get it in the

tuning range of the dongle which is typically 50MHz to 2GHz.
> >
> > A raspberry pi will run FFTW and composite video o/p could be fed into a small screen as used with reversing cameras and composite input found on some 7in DIN mount car systems for field day/mobile use too.
> >
> > Peter
> > VK2KN/VK4LC
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

# 20640. Re: Band scope, panadapter, frequency scope: How to outboard one with software?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-15 02:27:06 UTC
From: vk2kn
Topic: 20624  Message: 20640

Hi Ed,

I've got a SM220 on my TS-820 with the BS8 pan adaptor which uses the 8MHz IF and this is what prompted me to look at implementing a band scope on my other radios. The end result is to have the tuning of the band scope interfaced into the CI-V so the radio will adjust frequency to my input on the scope.

SDR# (SDR Sharp http://sdrsharp.com/) is easiest to get going for proof of concept testing on Windowz and to use in the shack, but a Raspberry Pi with FFTW is my aim for a mobile/portable bandscope.

More info on using the cheap USB DVB-T dongles here http://www.rtlsdr.org/ and http://sdr.osmocom.org/trac/wiki/rtl-sdr

Enjoy.
Peter - VK2KN/VK4LC

--- In ic706@yahoogroups.com, Ed Driscoll <ne5n@...> wrote:
>
> Thanks for your reply. I figured the info would have to come from the if. I couldn't see how info from a sound card hookup like in HRD w DM780 could display ssb signals on a waterfall, for example. Thanks again. I will look into this.
> Ed NE5N
>
> > To: ic706@yahoogroups.com
> > From: pete.kohlmayer@...
> > Date: Wed, 12 Jun 2013 04:13:06 +0000
> > Subject: [ic706] Re: Band scope, panadapter, frequency scope: How to outboard one with software?
> >
> > Take a tap off the first IF @ 69.0115MHz (SSB/AM/FM) and feed it into a $20 RTL2838 DVB-T USB dongle running SDR# on windows or GRC/GNU-RADIO/FFTW on LINUX.
> >
> > If you use the 2nd IF (9.0115MHz), you'll need to mix the output to get it in the tuning range of the dongle which is typically 50MHz to 2GHz.
> >
> > A raspberry pi will run FFTW and composite video o/p could be fed into a small screen as used with reversing cameras and composite input found on some 7in DIN mount car systems for field day/mobile use too.
> >
> > Peter
> > VK2KN/VK4LC
> >
> >
> >

> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 20641. Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-15 02:53:13 UTC
From: vk2kn
Topic: 20633  Message: 20641

Dave,

That's a common fault and one cause can be checked by lifting one side of the fuse on the PA board and check the current with a MM between the fuse and post with the rig connected to a power supply.

14V (HV)< ------|[--Fuse--]<---DMM--->|---->PLL Board
Fuse mA Fuse
clip clip

If you're not seeing anything (not even a few mA, chances are the track under the 5v regulator on the PLL board is shot as the adhesive on the rubber spacer eats away the track over time.

If that's the case, remove the PLL board, take off the spacer in the corner under the 5v regulator being careful not to remove the diode next to it, clean around the area and solder a jumper around the HV track where it's broken, put a spacer in of same thickness, but attach to the chassis and not the PCB board as Icom did, reinstall the board and check the current again. If you're now seeing a few mA through the fuse holder now the problem is fixed and you've saved yourself a few $$$ too.

All up, it takes <30 mins to do the repair.

Enjoy,
Pete - VK2KN/VK4LV

--- In ic706@yahoogroups.com, "David" <kw1v@...> wrote:
>
> Does anyone know where I can send my "sick" IC-706 for repair...any repair centers? My 706 will not turn on, have checked the dc cord, fuses etc. I have 2 and the heads are okay. Any info much appreciated. 73
>
> Thanks,
>
> Dave KW1V
>

# 20642. Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-16 17:11:59 UTC
From: Ed Oxer
Topic: 20633  Message: 20642

Matt at the repair center in Benton Harbor MI has a good reputation. Check eham.com. 73 de W8EO

[Non-text portions of this message have been removed]

# 20643. Re: [ic706] Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-17 13:42:08 UTC
From: LARRY J. FORD
Topic: 20633  Message: 20643

If you are talking about Matt Adrian, owner/operator of SAR Technical Services, the authorized ICOM service facility in Michigan, he's in St. Joseph, MI (I believe Heathkit was in Benton Harbor, MI), and I agree he/his shop is the best I've encountered for ICOM repairs.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Sun, 16 Jun 2013 11:00:22 PM EDT
From: Ed Oxer <eaoxer@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC-706 Repair...

> Matt at the repair center in Benton Harbor MI has a good reputation. Check
> eham.com. 73 de W8EO
>
>
> [Non-text portions of this message have been removed]
>
>

# 20644. Re: [ic706] Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-17 14:50:56 UTC
From: Wayne Bowyer
Topic: 20633  Message: 20644

I've had my 706MKIIG to Mike Nadeau N1EQ on two different occasions for repair. He's very reasonable, quick and honest.

Wayne
n4eyz

[Non-text portions of this message have been removed]

# 20645. Re: [ic706] Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-17 16:35:19 UTC
From: Ed Oxer
Topic: 20633  Message: 20645

Yes!

[Non-text portions of this message have been removed]

# 20646. Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-18 10:25:29 UTC
From: Sam
Topic: 20633  Message: 20646

His phone number is (269) 429-2334, his call is KD8ZB and his email address is sarts@... / website is www.sarts1.com for anyone needed it.

I've used him in the past and he does good work. He is ICOM certified.

73,
Sam
K3SAM

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> If you are talking about Matt Adrian, owner/operator of SAR Technical
> Services, the authorized ICOM service facility in Michigan, he's in St.
> Joseph, MI (I believe Heathkit was in Benton Harbor, MI), and I agree he/his
> shop is the best I've encountered for ICOM repairs.
>
> Larry J. Ford
> KG4GPJ
>
>
>
> ------ Original Message ------
> Received: Sun, 16 Jun 2013 11:00:22 PM EDT
> From: Ed Oxer <eaoxer@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: IC-706 Repair...
>
> > Matt at the repair center in Benton Harbor MI has a good reputation. Check
> > eham.com. 73 de W8EO
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>

# 20647. Re: IC-706 Repair...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-18 13:44:19 UTC
From: Tom Root
Topic: 20633  Message: 20647

Matt Adrian in St. Joseph, MI is absolutely the best ICOM repair facility..I've used him several times for repairs to my several pieces of ICOM gear..he's honest and capable and thorough..but he's a one-man-show there at his place so there may be a little delay in getting telephone responses etc..and for those grownups among us out there, he's a former Heathkit employee J..T

Tom Root (WB8UUJ)

Flushing, MI USA

[Non-text portions of this message have been removed]

# 20648. Re: MK2G Main Board 5V H5V problem - radio won't power up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-23 15:17:24 UTC
From: vk2kn
Topic: 20621  Message: 20648

Ok, here's what I've found so far:

1. I replaced the H5V regulator (PLL BOARD IC271) and faulty R591 4.7Ω on PA board and then found L2001 10uH inductor was open circuit on the MAIN board on the H5V rail.

2. I measured DC resistance on H5VL side of L2001 and GND at 3.2Ω which was causing excessive current draw on 5V regulator and probably caused R591 to go faulty and now read 34Ω. I tested all resistors, diodes and capacitors directly connected to the H5V/H5VL rail and they all tested OK.

3. I lifted VCC legs (8 & 47) on IC2001 HD6433337YA56F on the MAIN board and resistance now reading 32KΩ on H5V/H5VL rail, so excessive current draw causing 5V regulator and series inductor to blow is most likely from faulty IC2001 CPU.

Have emailed ICOM for a price on IC2001, but I expect it's not going to be a stocked part and they'll probably say I'll need to replace the MAIN board :-(

Also, cleaned up the area around the underside of the H5V regulator on the PLL board as the 14V track was starting to look very sad.

It's disappointing to see so many people having problems with R591 on the PA board and also the adhesive on the spacer on the PLL board around the underside of the H5V regulator. I believe this is something that ICOM should have addressed as this IC706MK2g is a late model unit and we should not be seeing so many units suffering these faults.

I'll update when I get a new CPU into the unit.

Thanks for reading,
Peter
VK2KN/VK4LC

# 20649. MKiiG control head with Original 706 radio?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-30 01:45:53 UTC
From: Charlier26
Topic: 20649  Message: 20649

Anyone know if this will work?

Charlie KB8CR

# 20650. Re: [ic706] MKiiG control head with Original 706 radio?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-30 02:06:38 UTC
From: Curt Phillips W4CP
Topic: 20649  Message: 20650

I don't know, but there is a 706 head for sale on eBay (from England).

http://www.ebay.com/itm/ICOM-IC-706-MK1-Control-Head-Used-/111101419106?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item19de291e62

FYI.

73,
Curt W4CP
Raleigh, NC USA

---
From: Charlier26 <charlier26@...>
To: ic706@yahoogroups.com
Sent: Saturday, June 29, 2013 9:45 PM
Subject: [ic706] MKiiG control head with Original 706 radio?

Anyone know if this will work?

Charlie KB8CR

[Non-text portions of this message have been removed]

# 20651. CT17 connections and software

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-30 05:08:36 UTC
From: bass2444
Topic: 20651  Message: 20651

I just bought a CT17 CI-V level converter to link my IC706MKIIG to a notebook with USB ports only running Windows XP. Can I get some suggestions about:

1. What's a good cable for RS232C/DB25 to USB? Will any one do?

2. What software to run on my PC for using a spreadsheet to load parameters into the IC706

Thanks in advance.

Bert KG6HIZ

# 20652. Re: MKiiG control head with Original 706 radio?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-30 05:56:45 UTC
From: zl1tbg
Topic: 20649  Message: 20652

It works but not completely the same.

One problem is the original used a pot for RIT not the rotary encoder, so that knob will not change the memory in use, just RIT in steps.

Its more of a problem using an original head to control a Mk2g, because the RIT sweeps through about 300 memories from stop to stop.

Ralph

--- In ic706@yahoogroups.com, Curt Phillips W4CP <robocurt@...> wrote:
>
> I don't know, but there is a 706 head for sale on eBay (from England).
>
> http://www.ebay.com/itm/ICOM-IC-706-MK1-Control-Head-Used-/111101419106?pt=UK_Mobile_Phones_Communication_Ham_Radio_Receivers_Transceivers&hash=item19de291e62
>
>
> FYI.
>
> 73,
> Curt W4CP
> Raleigh, NC USA
>
>
> _____
> From: Charlier26 <charlier26@...>
> To: ic706@yahoogroups.com
> Sent: Saturday, June 29, 2013 9:45 PM
> Subject: [ic706] MKiiG control head with Original 706 radio?
>
>
>
> Â
> Anyone know if this will work?
>
> Charlie KB8CR
>
>
>
>
> [Non-text portions of this message have been removed]
>

# 20653. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-06-30 15:55:17 UTC
From: Terry England
Topic: 20653  Message: 20653

Leondra wizofisaa http://realt.overseo.ru/cinemacentimetremarkbailey/?encamp=8cvhnif

# 20654. Looking for an IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-12 23:58:40 UTC
From: af5cc
Topic: 20654  Message: 20654

I am looking for an Icom 706 or 706MKII to replace the one I sold a couple of months ago. I thought the 706 was having relay problems, turns out it was the antenna instead, and I miss is. I have a couple of radios that could be worked into a trade (Yaesu FT857, Yaesu FT450) or could buy it outright. Let me know if you have one you are willing to part with. A CW filter with it would be nice also but not necessary.

73 John AF5CC

# 20655. RE: [ic706] Looking for an IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-13 13:03:10 UTC
From: George-K4GM
Topic: 20654  Message: 20655

I have one listed on eBay now. Tried to sell it on this reflector first but no interest. Current bid is $330. I also have all mobile accessories including extension cable and mounting brackets for radio and control head which have not yet been listed.

George K4GM

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: af5cc <af5cc@...>
Date: 07/12/2013 7:58 PM (GMT-05:00)
To: ic706@yahoogroups.com
Subject: [ic706] Looking for an IC-706

I am looking for an Icom 706 or 706MKII to replace the one I sold a couple of months ago. I thought the 706 was having relay problems, turns out it was the antenna instead, and I miss is. I have a couple of radios that could be worked into a trade (Yaesu FT857, Yaesu FT450) or could buy it outright. Let me know if you have one you are willing to part with. A CW filter with it would be nice also but not necessary.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20656. Re: [ic706] Looking for an IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-13 13:11:45 UTC
From: John Geiger
Topic: 20654  Message: 20656

Hi George,

Thanks, will check it out.

73 John AF5CC

----- Original Message -----
From: George-K4GM
To: ic706@yahoogroups.com
Sent: Saturday, July 13, 2013 1:03 PM
Subject: RE: [ic706] Looking for an IC-706

I have one listed on eBay now. Tried to sell it on this reflector first but no interest. Current bid is $330. I also have all mobile accessories including extension cable and mounting brackets for radio and control head which have not yet been listed.

George K4GM

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: af5cc <af5cc@...>
Date: 07/12/2013 7:58 PM (GMT-05:00)
To: ic706@yahoogroups.com
Subject: [ic706] Looking for an IC-706

I am looking for an Icom 706 or 706MKII to replace the one I sold a couple of months ago. I thought the 706 was having relay problems, turns out it was the antenna instead, and I miss is. I have a couple of radios that could be worked into a trade (Yaesu FT857, Yaesu FT450) or could buy it outright. Let me know if you have one you are willing to part with. A CW filter with it would be nice also but not necessary.

73 John AF5CC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20657. ICOM 706 ORIGINAL FS

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-13 19:28:42 UTC
From: John
Topic: 20657  Message: 20657

I have a nice clean and great looking 706 with CW filter, DC cable, mic and original manual, just aligned by MTS and works as its supposed to.
$425.00 + shipping conus only. Thanks, John KF7OM

# 20658. IC 706 accessories and other stuff F/S

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-15 21:39:01 UTC
From: K4GM-George
Topic: 20658  Message: 20658

My 706 MK II is practically sold on eBay so I need to dispose of the accessories I have left. If not sold soon, they are off to eBay. For sale:

OPC-581 extension cable: $35
MB-63 Icom bracket and swivel mobile mounting base/arm (not genuiine ICOM MB65): $55
Mobile mounting bracket for 706: $25 (Fits 706 but NOT genuine ICOM MB62)
PS-125 P/S: $125.
SP-20 Speaker/audio filter : $90
SP-21 Speaker : $145

73, George K4GM

# 20659. Re: IC 706 accessories and other stuff F/S

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-22 02:45:18 UTC
From: JP McGinny
Topic: 20658  Message: 20659

George,
Did you lstill have the PS-125 and the SP-21? I live in North Stafford
J.P.
KA3BWP

--- In ic706@yahoogroups.com, K4GM-George <k4gm@...> wrote:
>
> My 706 MK II is practically sold on eBay so I need to dispose of the
> accessories I have left. If not sold soon, they are off to eBay. For sale:
>
> OPC-581 extension cable: $35
> MB-63 Icom bracket and swivel mobile mounting base/arm (not genuiine
> ICOM MB65): $55
> Mobile mounting bracket for 706: $25 (Fits 706 but NOT genuine ICOM MB62)
> PS-125 P/S: $125.
> SP-20 Speaker/audio filter : $90
> SP-21 Speaker : $145
>
> 73, George K4GM
>

# 20660. RE: [ic706] Re: IC 706 accessories and other stuff F/S

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-22 03:08:56 UTC
From: George-K4GM
Topic: 20658  Message: 20660

Yes I do. My office is on Garrisonville Road.  Interested?

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: JP McGinny <jaredmcg@...>
Date: 07/21/2013 10:45 PM (GMT-05:00)
To: ic706@yahoogroups.com
Subject: [ic706] Re: IC 706 accessories and other stuff F/S

George,
Did you lstill have the PS-125 and the SP-21? I live in North Stafford
J.P.
KA3BWP

--- In ic706@yahoogroups.com, K4GM-George <k4gm@...> wrote:
>
> My 706 MK II is practically sold on eBay so I need to dispose of the
> accessories I have left. If not sold soon, they are off to eBay. For sale:
>
> OPC-581 extension cable: $35
> MB-63 Icom bracket and swivel mobile mounting base/arm (not genuiine
> ICOM MB65): $55
> Mobile mounting bracket for 706: $25 (Fits 706 but NOT genuine ICOM MB62)
> PS-125 P/S: $125.
> SP-20 Speaker/audio filter : $90
> SP-21 Speaker : $145
>
> 73, George K4GM
>

[Non-text portions of this message have been removed]

# 20661. Re: [ic706] Re: IC 706 accessories and other stuff F/S

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-22 09:00:48 UTC
From: Jared
Topic: 20658  Message: 20661

Yes. I work up on Andrews, so I leave early in the AM. Definitely would like the power supply. The speaker would be a maybe. I'll have to see what schedules look like.

J.P
KA3BWP

On Jul 21, 2013, at 11:08 PM, George-K4GM <k4gm@...> wrote:

> Yes I do. My office is on Garrisonville Road. Interested?
>
> Sent from my Verizon Wireless 4G LTE smartphone
>
> -------- Original message --------
> From: JP McGinny <jaredmcg@...>
> Date: 07/21/2013 10:45 PM (GMT-05:00)
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: IC 706 accessories and other stuff F/S
>
> George,
> Did you lstill have the PS-125 and the SP-21? I live in North Stafford
> J.P.
> KA3BWP
>
> --- In ic706@yahoogroups.com, K4GM-George <k4gm@...> wrote:
> >
> > My 706 MK II is practically sold on eBay so I need to dispose of the
> > accessories I have left. If not sold soon, they are off to eBay. For sale:
> >
> > OPC-581 extension cable: $35
> > MB-63 Icom bracket and swivel mobile mounting base/arm (not genuiine
> > ICOM MB65): $55
> > Mobile mounting bracket for 706: $25 (Fits 706 but NOT genuine ICOM MB62)
> > PS-125 P/S: $125.
> > SP-20 Speaker/audio filter : $90
> > SP-21 Speaker : $145
> >
> > 73, George K4GM
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20662. Re: MK2G Main Board 5V H5V problem - radio won't power up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 03:13:26 UTC
From: vk2kn
Topic: 20621  Message: 20662

I've now replaced the MCU and VCC to GND on this reads 30KÎ©, so I'm about to reassemble, check MCU VCC 5V PSU and all being well, the 706MK2g should be ready to fire up once again.
Removing the faulty MCU from the main board:
706 with MCU removed:
New CPU in place:
Replacing the CPU cost under AU$50, which is a lot cheaper option then replacing the main board and you also get to have fun with multi-pin SMD reworking as well as rectifying some 706 design issues along the way on the PLL board. --- In ic706@yahoogroups.com, "vk2kn" wrote: > > Ok, here's what I've found so far: > > 1. I replaced the H5V regulator (PLL BOARD IC271) and faulty R591 4.7Î© on PA board and then found L2001 10uH inductor was open circuit on the MAIN board on the H5V rail. > > 2. I measured DC resistance on H5VL side of L2001 and GND at 3.2Î© which was causing excessive current draw on 5V regulator and probably caused R591 to go faulty and now read 34Î©. I tested all resistors, diodes and capacitors directly connected to the H5V/H5VL rail and they all tested OK. > > 3. I lifted VCC legs (8 & 47) on IC2001 HD6433337YA56F on the MAIN board and resistance now reading 32KÎ© on H5V/H5VL rail, so excessive current draw causing 5V regulator and series inductor to blow is most likely from faulty IC2001 CPU. > > Have emailed ICOM for a price on IC2001, but I expect it's not going to be a stocked part and they'll probably say I'll need to replace the MAIN board :-( > > Also, cleaned up the area around the underside of the H5V regulator on the PLL board as the 14V track was starting to look very sad. > > It's disappointing to see so many people having problems with R591 on the PA board and also the adhesive on the spacer on the PLL board around the underside of the H5V regulator. I believe this is something that ICOM should have addressed as this IC706MK2g is a late model unit and we should not be seeing so many units suffering these faults. > > I'll update when I get a new CPU into the unit. > > Thanks for reading, > Peter > VK2KN/VK4LC > [Non-text portions of this message have been removed]

# 20663. Icom 706MKII VOX loop problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 01:57:41 UTC
From: af5cc
Topic: 20663  Message: 20663

Here is a message that was posted back in 2012:

"Trying to get VOX to work on a IC706MKII ... i haven't used VOX on it before, and the previously owner didn't either.

VOX will go to TX just fine (and the vox-delay & vox-gain seem to behavior appropriately) ... but the instant it drops to RX, TX gets re-triggered, and it loops (and can hear the relay chattering).

I have hit up the manual, and know there's variables of:
Mic Gain
VOX on/off (M menu)
VOX Delay (quick menu)
VOX Gain (pot on side panel)
Anti-VOX (pot on side panel)

Have played with various combinations but to no avail ... have tried both the IC stock mic, and a heil headset ... using dummy load & low power while testing.

Any tips on debugging, or procedure (e.g. setting everything all the way one way) to start out and find the right setting?
Possible culprits? (the relay rclick re-triggering? RF? etc)"

I am having the same problem with my Icom 706MKII, running it into a dummy load, with the Icom PTT mic. Has anyone figured out the solution to this problem yet?

73 John AF5CC

# 20664. Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-28 21:37:17 UTC
From: John Geiger
Topic: 20664  Message: 20664

I was trying VOX today on an Icom 706MKII that I recently picked up, getting it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever I would speak it would go into transmit, as VOX should. However, when I stopped speaking it would continue to rapidly switch between transmit and receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX controls with no luck, other than it wouldn't go into transmit at all with the VOX gain at minimum. Also, adjusting the VOX delay made no difference.

Anyone seen this problem before or have an idea as to what is going on? I am sure I just have something set wrong.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20665. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 06:59:02 UTC
From: mikerodgerske5gbc@...
Topic: 20664  Message: 20665

Only one mic plugged in at a time?

On google I saw some comments regarding RFI and the separation cable.
Mic gain also may be super sensitive.

I've never used vox myself.

Any kind of fan or noise in background?

Mike R

On Jul 28, 2013, at 4:37 PM, "John Geiger" <af5cc@...> wrote:

> I was trying VOX today on an Icom 706MKII that I recently picked up, getting it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever I would speak it would go into transmit, as VOX should. However, when I stopped speaking it would continue to rapidly switch between transmit and receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX controls with no luck, other than it wouldn't go into transmit at all with the VOX gain at minimum. Also, adjusting the VOX delay made no difference.
>
> Anyone seen this problem before or have an idea as to what is going on? I am sure I just have something set wrong.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20666. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 14:04:05 UTC
From: LARRY J. FORD
Topic: 20664  Message: 20666

Sounds like you intend to use the mic port for digital soundcard modes via VOX.

Why not use the 13-pin DIN ACC port on the rear and avoid the VOX issue?

That's what I do with one of my 706s that I use for digital soundcard modes.

Or is the ACCESSORY port already tied-up?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 02:30:30 AM EDT
From: "John Geiger" <af5cc@...>
To: "ICOM Reflector" <icom@mailman.qth.net>, <ic706@yahoogroups.com>, <IC-706MKIIG@yahoogroups.com>
Subject: [ic706] Icom 706MKII VOX problem

> I was trying VOX today on an Icom 706MKII that I recently picked up, getting it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever I would speak it would go into transmit, as VOX should. However, when I stopped speaking it would continue to rapidly switch between transmit and receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX controls with no luck, other than it wouldn't go into transmit at all with the VOX gain at minimum. Also, adjusting the VOX delay made no difference.
>
> Anyone seen this problem before or have an idea as to what is going on? I am sure I just have something set wrong.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

# 20667. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 14:22:43 UTC
From: John Geiger
Topic: 20664  Message: 20667

Hi Mike,

It does the same thing using a cable between the mic jack and the computer soundcard, so it isn't picking up any extraenous noise from the fans or the environment. This used to work fine with my 706 original.

73 John AF5CC

----- Original Message -----
From: mikerodgerske5gbc@yahoo.com
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 6:59 AM
Subject: Re: [ic706] Icom 706MKII VOX problem

Only one mic plugged in at a time?

On google I saw some comments regarding RFI and the separation cable.
Mic gain also may be super sensitive.

I've never used vox myself.

Any kind of fan or noise in background?

Mike R

On Jul 28, 2013, at 4:37 PM, "John Geiger" <af5cc@...> wrote:

> I was trying VOX today on an Icom 706MKII that I recently picked up, getting it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever I would speak it would go into transmit, as VOX should. However, when I stopped speaking it would continue to rapidly switch between transmit and receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX controls with no luck, other than it wouldn't go into transmit at all with the VOX gain at minimum. Also, adjusting the VOX delay made no difference.
>
> Anyone seen this problem before or have an idea as to what is going on? I am sure I just have something set wrong.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20668. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 14:20:24 UTC
From: John Geiger
Topic: 20664  Message: 20668

Hi Larry,

Yes, I am going to use the mic jack for the digital modes, as I already have a cable made up for it, so there is no cost as a digital modes interface would be $50 or so, and also, my laptop doesn't have any serial ports, so I would have to get a USB to serial converter which is another $20 or so. This worked fine with the 706 original I used to have, not sure why the MKII is having this problem.

73 John AF5CC

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 2:04 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

Sounds like you intend to use the mic port for digital soundcard modes via VOX.

Why not use the 13-pin DIN ACC port on the rear and avoid the VOX issue?

That's what I do with one of my 706s that I use for digital soundcard modes.

Or is the ACCESSORY port already tied-up?

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 02:30:30 AM EDT
From: "John Geiger" <af5cc@...>
To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>, <IC-706MKIIG@yahoogroups.com>
Subject: [ic706] Icom 706MKII VOX problem

> I was trying VOX today on an Icom 706MKII that I recently picked up, getting it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever I would speak it would go into transmit, as VOX should. However, when I stopped speaking it would continue to rapidly switch between transmit and receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX controls with no luck, other than it wouldn't go into transmit at all with the VOX gain at minimum. Also, adjusting the VOX delay made no difference.
>
> Anyone seen this problem before or have an idea as to what is going on? I am sure I just have something set wrong.
>
> 73 John AF5CC

>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20669. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 14:33:33 UTC
From: Doug
Topic: 20664  Message: 20669

At 03:37 PM 28/07/2013, you wrote:
>I was trying VOX today on an Icom 706MKII that I recently picked up,
>getting it ready for the digital modes. With the Icom HM-118TM (the
>TTP mic) whenever I would speak it would go into transmit, as VOX
>should. However, when I stopped speaking it would continue to
>rapidly switch between transmit and receive, as VOX shouldn't. I
>tried adjusting the VOX gain and ANTI VOX controls with no luck,
>other than it wouldn't go into transmit at all with the VOX gain at
>minimum. Also, adjusting the VOX delay made no difference.
>
>Anyone seen this problem before or have an idea as to what is going
>on? I am sure I just have something set wrong.
>
>73 John AF5CC
---
That is a common problem with the 706. You have a bad capacitor in
the unit. If you go through the archives, you
will find the solution. In the meantime I'll check my files and see
if I kept anything. I had the same problem..

73

Doug

# 20670. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 15:05:49 UTC
From: LARRY J. FORD
Topic: 20664  Message: 20670

Still a bit unclear on what you are intending to do.

Are you planning on running the mic/speaker input/output lines from the PC directly to the mic jack without ANY interface?

I know that Skip Teller had a couple of kits out to make a very inexpensive interface (with isolation) between the PC, usually around $20.00, one of which when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port. (I have both floating around somewhere.)

The same functions of the rig that are available on the RJ-45 mic port are available on the 13-pin DIN ACC port (plus much more!).

You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue of soldering lines to those pins!), or, if you've got the original accessories that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug with "pigtails" already soldered to those 13 pins.

Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for digital soundcard modes on the 706s without incurring the expenses mentioned below.

In any event, hope it works out for you.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 10:33:11 AM EDT
From: "John Geiger" <af5cc@fidmail.com>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706MKII VOX problem

> Hi Larry,
>
> Yes, I am going to use the mic jack for the digital modes, as I already have a cable made up for it, so there is no cost as a digital modes interface would be $50 or so, and also, my laptop doesn't have any serial ports, so I would have to get a USB to serial converter which is another $20 or so. This worked fine with the 706 original I used to have, not sure why the MKII is having this problem.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com

> Sent: Monday, July 29, 2013 2:04 PM
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
>
>
> Sounds like you intend to use the mic port for digital soundcard modes
via
> VOX.
>
> Why not use the 13-pin DIN ACC port on the rear and avoid the VOX issue?
>
> That's what I do with one of my 706s that I use for digital soundcard
modes.
>
> Or is the ACCESSORY port already tied-up?
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> From: "John Geiger" <af5cc@...>
> To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> <IC-706MKIIG@yahoogroups.com>
> Subject: [ic706] Icom 706MKII VOX problem
>
> > I was trying VOX today on an Icom 706MKII that I recently picked up,
getting
> it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
whenever
> I would speak it would go into transmit, as VOX should. However, when I
> stopped speaking it would continue to rapidly switch between transmit and
> receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> controls with no luck, other than it wouldn't go into transmit at all with
the
> VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> >
> > Anyone seen this problem before or have an idea as to what is going on?
I
> am sure I just have something set wrong.
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>

>
>
> [Non-text portions of this message have been removed]
>
>

# 20671. RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 17:02:25 UTC
From: Lefczik, Larry D
Topic: 20664  Message: 20671

There is no VOX sensing on the rear mic input. This is why the most basic of interface is best used on the RJ-45 connector. Nothing more than attenuating resistors on the radio mic input, cables, and connectors are needed for digital modes.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
Sent: Monday, July 29, 2013 11:06 AM
To: ic706@yahoogroups.com
Subject: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Still a bit unclear on what you are intending to do.

Are you planning on running the mic/speaker input/output lines from the PC directly to the mic jack without ANY interface?

I know that Skip Teller had a couple of kits out to make a very inexpensive interface (with isolation) between the PC, usually around $20.00, one of which when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port. (I have both floating around somewhere.)

The same functions of the rig that are available on the RJ-45 mic port are available on the 13-pin DIN ACC port (plus much more!).

You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue of soldering lines to those pins!), or, if you've got the original accessories that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug with "pigtails" already soldered to those 13 pins.

Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for digital soundcard modes on the 706s without incurring the expenses mentioned below.

In any event, hope it works out for you.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 10:33:11 AM EDT
From: "John Geiger" <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706MKII VOX problem

> Hi Larry,
>
> Yes, I am going to use the mic jack for the digital modes, as I already have a cable made up for it, so there is no cost as a digital modes interface would be $50 or so, and also, my laptop doesn't have any serial ports, so I would

have to get a USB to serial converter which is another $20 or so. This worked fine with the 706 original I used to have, not sure why the MKII is having this problem.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com
> Sent: Monday, July 29, 2013 2:04 PM
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
>
>
> Sounds like you intend to use the mic port for digital soundcard modes via
> VOX.
>
> Why not use the 13-pin DIN ACC port on the rear and avoid the VOX issue?
>
> That's what I do with one of my 706s that I use for digital soundcard modes.
>
> Or is the ACCESSORY port already tied-up?
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> From: "John Geiger" <af5cc@fidmail.com>
> To: "ICOM Reflector" <icom@...>, <ic706@...m>,
> <IC-706MKIIG@yahoogroups.com>
> Subject: [ic706] Icom 706MKII VOX problem
>
> > I was trying VOX today on an Icom 706MKII that I recently picked up, getting
> it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever
> I would speak it would go into transmit, as VOX should. However, when I
> stopped speaking it would continue to rapidly switch between transmit and
> receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> controls with no luck, other than it wouldn't go into transmit at all with the
> VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> >
> > Anyone seen this problem before or have an idea as to what is going on? I
> am sure I just have something set wrong.

> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

---

Yahoo! Groups Links

# 20672. RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 17:28:36 UTC
From: LARRY J. FORD
Topic: 20664  Message: 20672

I KNOW there is no VOX on the rear ACCESSORY Port and didn't say there was.

I was trying to suggest using the ACCESSORY port as an alternative to the RJ-45 mic port, as VOX is not the only way to use soundcard digital modes, and, in fact, VOX-triggered TX for soundcard digital modes is the least desirable of available methods.

Sometimes the "minimalist" approach is not the best approach, especially when it comes to soundcard digital modes.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 01:03:13 PM EDT
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

> There is no VOX sensing on the rear mic input. This is why the most basic of interface is best used on the RJ-45 connector. Nothing more than attenuating resistors on the radio mic input, cables, and connectors are needed for digital modes.
>
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
> Sent: Monday, July 29, 2013 11:06 AM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem
>
> Still a bit unclear on what you are intending to do.
>
> Are you planning on running the mic/speaker input/output lines from the PC
> directly to the mic jack without ANY interface?
>
> I know that Skip Teller had a couple of kits out to make a very inexpensive
> interface (with isolation) between the PC, usually around $20.00, one of which
> when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port.
> (I have both floating around somewhere.)
>
> The same functions of the rig that are available on the RJ-45 mic port are

> available on the 13-pin DIN ACC port (plus much more!).
>
> You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue
of
> soldering lines to those pins!), or, if you've got the original accessories
> that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug
with
> "pigtails" already soldered to those 13 pins.
>
> Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for
> digital soundcard modes on the 706s without incurring the expenses
mentioned
> below.
>
> In any event, hope it works out for you.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 10:33:11 AM EDT
> From: "John Geiger" <af5cc@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
> > Hi Larry,
> >
> > Yes, I am going to use the mic jack for the digital modes, as I already
have
> a cable made up for it, so there is no cost as a digital modes interface
would
> be $50 or so, and also, my laptop doesn't have any serial ports, so I would
> have to get a USB to serial converter which is another $20 or so. This
worked
> fine with the 706 original I used to have, not sure why the MKII is having
> this problem.
> >
> > 73 John AF5CC
> >
> > ----- Original Message -----
> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, July 29, 2013 2:04 PM
> > Subject: Re: [ic706] Icom 706MKII VOX problem
> >
> >
> >
> > Sounds like you intend to use the mic port for digital soundcard modes
> via

> > VOX.
> >
> > Why not use the 13-pin DIN ACC port on the rear and avoid the VOX
issue?
> >
> > That's what I do with one of my 706s that I use for digital soundcard
> modes.
> >
> > Or is the ACCESSORY port already tied-up?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> > From: "John Geiger" <af5cc@...>
> > To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> > <IC-706MKIIG@yahoogroups.com>
> > Subject: [ic706] Icom 706MKII VOX problem
> >
> > > I was trying VOX today on an Icom 706MKII that I recently picked up,
> getting
> > it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
> whenever
> > I would speak it would go into transmit, as VOX should. However, when I
> > stopped speaking it would continue to rapidly switch between transmit
and
> > receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> > controls with no luck, other than it wouldn't go into transmit at all
with
> the
> > VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> > >
> > > Anyone seen this problem before or have an idea as to what is going
on?
> I
> > am sure I just have something set wrong.
> > >
> > > 73 John AF5CC
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

> >
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 20673. RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 17:30:27 UTC
From: LARRY J. FORD
Topic: 20664  Message: 20673

Also, I was NOT referring to the rear MIC port. I was referring the 13-pin DIN ACCESSORY PORT; read my posting again.

The rear mic jack is NOT a 13-pin DIN Jack.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 01:03:13 PM EDT
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

> There is no VOX sensing on the rear mic input. This is why the most basic of interface is best used on the RJ-45 connector. Nothing more than attenuating resistors on the radio mic input, cables, and connectors are needed for digital modes.
>
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
> Sent: Monday, July 29, 2013 11:06 AM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem
>
> Still a bit unclear on what you are intending to do.
>
> Are you planning on running the mic/speaker input/output lines from the PC
> directly to the mic jack without ANY interface?
>
> I know that Skip Teller had a couple of kits out to make a very inexpensive
> interface (with isolation) between the PC, usually around $20.00, one of which
> when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port.
> (I have both floating around somewhere.)
>
> The same functions of the rig that are available on the RJ-45 mic port are
> available on the 13-pin DIN ACC port (plus much more!).
>
> You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue of
> soldering lines to those pins!), or, if you've got the original accessories

> that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug
with
> "pigtails" already soldered to those 13 pins.
>
> Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for
> digital soundcard modes on the 706s without incurring the expenses
mentioned
> below.
>
> In any event, hope it works out for you.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 10:33:11 AM EDT
> From: "John Geiger" <af5cc@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
> > Hi Larry,
> >
> > Yes, I am going to use the mic jack for the digital modes, as I already
have
> a cable made up for it, so there is no cost as a digital modes interface
would
> be $50 or so, and also, my laptop doesn't have any serial ports, so I would
> have to get a USB to serial converter which is another $20 or so. This
worked
> fine with the 706 original I used to have, not sure why the MKII is having
> this problem.
> >
> > 73 John AF5CC
> >
> > ----- Original Message -----
> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, July 29, 2013 2:04 PM
> > Subject: Re: [ic706] Icom 706MKII VOX problem
> >
> >
> >
> > Sounds like you intend to use the mic port for digital soundcard modes
> via
> > VOX.
> >
> > Why not use the 13-pin DIN ACC port on the rear and avoid the VOX
issue?
> >

> > That's what I do with one of my 706s that I use for digital soundcard
> modes.
> >
> > Or is the ACCESSORY port already tied-up?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> > From: "John Geiger" <af5cc@...>
> > To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> > <IC-706MKIIG@yahoogroups.com>
> > Subject: [ic706] Icom 706MKII VOX problem
> >
> > > I was trying VOX today on an Icom 706MKII that I recently picked up,
> getting
> > it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
> whenever
> > I would speak it would go into transmit, as VOX should. However, when I
> > stopped speaking it would continue to rapidly switch between transmit
and
> > receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> > controls with no luck, other than it wouldn't go into transmit at all
with
> the
> > VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> > >
> > > Anyone seen this problem before or have an idea as to what is going
on?
> I
> > am sure I just have something set wrong.
> > >
> > > 73 John AF5CC
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>

>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

# 20674. RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 18:49:00 UTC
From: Lefczik, Larry D
Topic: 20664  Message: 20674

73 OM

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of LARRY J. FORD
Sent: Monday, July 29, 2013 1:30 PM
To: ic706@yahoogroups.com
Subject: RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

Also, I was NOT referring to the rear MIC port. I was referring the 13-pin
DIN ACCESSORY PORT; read my posting again.

The rear mic jack is NOT a 13-pin DIN Jack.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 01:03:13 PM EDT
From: "Lefczik, Larry D" <Larry.D.Lefczik@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: RE: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem

> There is no VOX sensing on the rear mic input. This is why the most basic
of interface is best used on the RJ-45 connector. Nothing more than
attenuating resistors on the radio mic input, cables, and connectors are
needed for digital modes.
>
>
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
LARRY J. FORD
> Sent: Monday, July 29, 2013 11:06 AM
> To: ic706@yahoogroups.com
> Subject: EXTERNAL: Re: [ic706] Icom 706MKII VOX problem
>
> Still a bit unclear on what you are intending to do.
>
> Are you planning on running the mic/speaker input/output lines from the PC
> directly to the mic jack without ANY interface?
>
> I know that Skip Teller had a couple of kits out to make a very inexpensive
> interface (with isolation) between the PC, usually around $20.00, one of
which
> when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY
port.

> (I have both floating around somewhere.)
>
> The same functions of the rig that are available on the RJ-45 mic port are
> available on the 13-pin DIN ACC port (plus much more!).
>
> You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue
of
> soldering lines to those pins!), or, if you've got the original accessories
> that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug
with
> "pigtails" already soldered to those 13 pins.
>
> Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for
> digital soundcard modes on the 706s without incurring the expenses
mentioned
> below.
>
> In any event, hope it works out for you.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 10:33:11 AM EDT
> From: "John Geiger" <af5cc@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
> > Hi Larry,
> >
> > Yes, I am going to use the mic jack for the digital modes, as I already
have
> a cable made up for it, so there is no cost as a digital modes interface
would
> be $50 or so, and also, my laptop doesn't have any serial ports, so I would
> have to get a USB to serial converter which is another $20 or so. This
worked
> fine with the 706 original I used to have, not sure why the MKII is having
> this problem.
> >
> > 73 John AF5CC
> >
> > ----- Original Message -----
> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, July 29, 2013 2:04 PM
> > Subject: Re: [ic706] Icom 706MKII VOX problem
> >
> >

> >
> > Sounds like you intend to use the mic port for digital soundcard modes
> via
> > VOX.
> >
> > Why not use the 13-pin DIN ACC port on the rear and avoid the VOX
issue?
> >
> > That's what I do with one of my 706s that I use for digital soundcard
> modes.
> >
> > Or is the ACCESSORY port already tied-up?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> > From: "John Geiger" <af5cc@...>
> > To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> > <IC-706MKIIG@yahoogroups.com>
> > Subject: [ic706] Icom 706MKII VOX problem
> >
> > > I was trying VOX today on an Icom 706MKII that I recently picked up,
> getting
> > it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
> whenever
> > I would speak it would go into transmit, as VOX should. However, when I
> > stopped speaking it would continue to rapidly switch between transmit
and
> > receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> > controls with no luck, other than it wouldn't go into transmit at all
with
> the
> > VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> > >
> > > Anyone seen this problem before or have an idea as to what is going
on?
> I
> > am sure I just have something set wrong.
> > >
> > > 73 John AF5CC
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

---

Yahoo! Groups Links

# 20675. Repairs needed to a Mk 1 radio

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 18:55:03 UTC
From: Michael Buckley
Topic: 20675  Message: 20675

I have a Mk 1 set with the AAMU but have not been able to make it work, so decided to invest in a visit to Martyn Lynch.

(Such a helpful lot!)

Well I got the usual friendly approach but not a repair as it seems that the AAMU works fine with another mk2 set using my lead so that clears up that bit,

The set works fine by itself with 100W output where it should
It seems that there is some problem with the logic board that should communicate with the AAMU, and doesnt, as I get the loud tuning noise all the time.

Has anybody any suggestions, ( except for using manual tuning!) or live close enough to Croydon or Wimborne, or a line between each, to offer to look at it?

Many thanks

Mike
m1ccf

# 20676. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 16:45:39 UTC
From: John Geiger
Topic: 20664  Message: 20676

Hi Doug,

Thanks for the info, I will look it up. Any idea what would make the cap go bad? Wonder if it is something I did or if it was like this when I got it.

73 John AF5CC

----- Original Message -----
From: Doug
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 2:33 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

At 03:37 PM 28/07/2013, you wrote:
>I was trying VOX today on an Icom 706MKII that I recently picked up,
>getting it ready for the digital modes. With the Icom HM-118TM (the
>TTP mic) whenever I would speak it would go into transmit, as VOX
>should. However, when I stopped speaking it would continue to
>rapidly switch between transmit and receive, as VOX shouldn't. I
>tried adjusting the VOX gain and ANTI VOX controls with no luck,
>other than it wouldn't go into transmit at all with the VOX gain at
>minimum. Also, adjusting the VOX delay made no difference.
>
>Anyone seen this problem before or have an idea as to what is going
>on? I am sure I just have something set wrong.
>
>73 John AF5CC
---
That is a common problem with the 706. You have a bad capacitor in
the unit. If you go through the archives, you
will find the solution. In the meantime I'll check my files and see
if I kept anything. I had the same problem..

73

Doug

[Non-text portions of this message have been removed]

# 20677. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 19:39:10 UTC
From: John Geiger
Topic: 20664  Message: 20677

Hi Larry,

Yes, I am hoping to run a cable from the soundcard to the mic jack using a CAT-5 cable with a couple of 1/8" jacks for the soundcard. I have done this before with a 706 original I had and it worked great. Just turn on the VOX and you don't need to worry about PTT switching. If I use the 13 pin accessory jack in the back, then you have to use PTT switching, which at the minimum would require a USB to serial converter since my laptop doesn't have serial ports.

73 John AF5CC
----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 3:05 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

Still a bit unclear on what you are intending to do.

Are you planning on running the mic/speaker input/output lines from the PC directly to the mic jack without ANY interface?

I know that Skip Teller had a couple of kits out to make a very inexpensive interface (with isolation) between the PC, usually around $20.00, one of which when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port. (I have both floating around somewhere.)

The same functions of the rig that are available on the RJ-45 mic port are available on the 13-pin DIN ACC port (plus much more!).

You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue of soldering lines to those pins!), or, if you've got the original accessories that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug with "pigtails" already soldered to those 13 pins.

Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for digital soundcard modes on the 706s without incurring the expenses mentioned below.

In any event, hope it works out for you.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 10:33:11 AM EDT
From: "John Geiger" <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706MKII VOX problem

> Hi Larry,
>
> Yes, I am going to use the mic jack for the digital modes, as I already have a cable made up for it, so there is no cost as a digital modes interface would be $50 or so, and also, my laptop doesn't have any serial ports, so I would have to get a USB to serial converter which is another $20 or so. This worked fine with the 706 original I used to have, not sure why the MKII is having this problem.
>
> 73 John AF5CC
>
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com
> Sent: Monday, July 29, 2013 2:04 PM
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
>
>
> Sounds like you intend to use the mic port for digital soundcard modes via
> VOX.
>
> Why not use the 13-pin DIN ACC port on the rear and avoid the VOX issue?
>
> That's what I do with one of my 706s that I use for digital soundcard modes.
>
> Or is the ACCESSORY port already tied-up?
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> From: "John Geiger" <af5cc@...>
> To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> <IC-706MKIIG@yahoogroups.com>
> Subject: [ic706] Icom 706MKII VOX problem
>
> > I was trying VOX today on an Icom 706MKII that I recently picked up, getting
> it ready for the digital modes. With the Icom HM-118TM (the TTP mic) whenever
> I would speak it would go into transmit, as VOX should. However, when I
> stopped speaking it would continue to rapidly switch between transmit and
> receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> controls with no luck, other than it wouldn't go into transmit at all with the
> VOX gain at minimum. Also, adjusting the VOX delay made no difference.

> >
> > Anyone seen this problem before or have an idea as to what is going on?
I
> am sure I just have something set wrong.
> >
> > 73 John AF5CC
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20678. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 19:39:54 UTC
From: John Geiger
Topic: 20664  Message: 20678

Hi Doug,

I went through the archives a little, and couldn't find anything about it yet.

Let me know if you can find it.

73 John AF5CC

----- Original Message -----
From: Doug
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 2:33 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

At 03:37 PM 28/07/2013, you wrote:
>I was trying VOX today on an Icom 706MKII that I recently picked up,
>getting it ready for the digital modes. With the Icom HM-118TM (the
>TTP mic) whenever I would speak it would go into transmit, as VOX
>should. However, when I stopped speaking it would continue to
>rapidly switch between transmit and receive, as VOX shouldn't. I
>tried adjusting the VOX gain and ANTI VOX controls with no luck,
>other than it wouldn't go into transmit at all with the VOX gain at
>minimum. Also, adjusting the VOX delay made no difference.
>
>Anyone seen this problem before or have an idea as to what is going
>on? I am sure I just have something set wrong.
>
>73 John AF5CC
---
That is a common problem with the 706. You have a bad capacitor in
the unit. If you go through the archives, you
will find the solution. In the meantime I'll check my files and see
if I kept anything. I had the same problem..

73

Doug

[Non-text portions of this message have been removed]

# 20679. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 21:14:04 UTC
From: LARRY J. FORD
Topic: 20664  Message: 20679

John Geiger wrote: "If I use the 13 pin accessory jack in the back, then you have to use PTT switching, which at the minimum would require a USB to serial converter since my laptop doesn't have serial ports."

Not exactly. No serial port required, with the proper design. One of Skip Teller's (KH6TY)later kit designs of an soundcard interface connected directly to the mic/speaker jacks on the PC, provided isolation on the audio lines to/from the rig, but didn't use VOX and didn't use a serial port on the PC side either. It used a circuit which switched on a transistor which in turn pulled down the transceiver PTT line. The 13-pin DIN ACC port has that PTT line on it, as well as the other lines needed by that interface.

His earlier published design used a VOX circuit, but not the one I'm talking about. One big advantage of both designs is audio isolation.

However, you seem to have your mind set on a particular arrangement, so I hope it works out for you, assuming you can solve the VOX issue.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 03:59:00 PM EDT
From: "John Geiger" <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706MKII VOX problem

> Hi Larry,
>
> Yes, I am hoping to run a cable from the soundcard to the mic jack using a CAT-5 cable with a couple of 1/8" jacks for the soundcard. I have done this before with a 706 original I had and it worked great. Just turn on the VOX and you don't need to worry about PTT switching. If I use the 13 pin accessory jack in the back, then you have to use PTT switching, which at the minimum would require a USB to serial converter since my laptop doesn't have serial ports.
>
> 73 John AF5CC
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com
> Sent: Monday, July 29, 2013 3:05 PM
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
>
>

> Still a bit unclear on what you are intending to do.
>
> Are you planning on running the mic/speaker input/output lines from the
PC
> directly to the mic jack without ANY interface?
>
> I know that Skip Teller had a couple of kits out to make a very
inexpensive
> interface (with isolation) between the PC, usually around $20.00, one of
which
> when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY
port.
> (I have both floating around somewhere.)
>
> The same functions of the rig that are available on the RJ-45 mic port
are
> available on the 13-pin DIN ACC port (plus much more!).
>
> You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue
of
> soldering lines to those pins!), or, if you've got the original
accessories
> that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug
with
> "pigtails" already soldered to those 13 pins.
>
> Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for
> digital soundcard modes on the 706s without incurring the expenses
mentioned
> below.
>
> In any event, hope it works out for you.
>
> Larry J. Ford
> KG4GPJ
>
>
> ------ Original Message ------
> Received: Mon, 29 Jul 2013 10:33:11 AM EDT
> From: "John Geiger" <af5cc@fidmail.com>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
> > Hi Larry,
> >
> > Yes, I am going to use the mic jack for the digital modes, as I already
have
> a cable made up for it, so there is no cost as a digital modes interface
would
> be $50 or so, and also, my laptop doesn't have any serial ports, so I

would
> have to get a USB to serial converter which is another $20 or so. This
worked
> fine with the 706 original I used to have, not sure why the MKII is
having
> this problem.
> >
> > 73 John AF5CC
> >
> > ----- Original Message -----
> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, July 29, 2013 2:04 PM
> > Subject: Re: [ic706] Icom 706MKII VOX problem
> >
> >
> >
> > Sounds like you intend to use the mic port for digital soundcard modes
> via
> > VOX.
> >
> > Why not use the 13-pin DIN ACC port on the rear and avoid the VOX
issue?
> >
> > That's what I do with one of my 706s that I use for digital soundcard
> modes.
> >
> > Or is the ACCESSORY port already tied-up?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> > From: "John Geiger" <af5cc@...>
> > To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,
> > <IC-706MKIIG@yahoogroups.com>
> > Subject: [ic706] Icom 706MKII VOX problem
> >
> > > I was trying VOX today on an Icom 706MKII that I recently picked up,
> getting
> > it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
> whenever
> > I would speak it would go into transmit, as VOX should. However, when I
> > stopped speaking it would continue to rapidly switch between transmit
and
> > receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> > controls with no luck, other than it wouldn't go into transmit at all
with

> the
> > VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> > >
> > > Anyone seen this problem before or have an idea as to what is going
on?
> I
> > am sure I just have something set wrong.
> > >
> > > 73 John AF5CC
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20680. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 21:56:28 UTC
From: John Geiger
Topic: 20664  Message: 20680

Hi Larry,

I was unaware of that design. Something to definitely look into. Sounds like it would be similar to the Signalink SL-1 which had a switching circuit built into it.

Thanks for the information .

John AF5CC

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 9:14 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

John Geiger wrote: "If I use the 13 pin accessory jack in the back, then you have to use PTT switching, which at the minimum would require a USB to serial converter since my laptop doesn't have serial ports."

Not exactly. No serial port required, with the proper design. One of Skip Teller's (KH6TY)later kit designs of an soundcard interface connected directly to the mic/speaker jacks on the PC, provided isolation on the audio lines to/from the rig, but didn't use VOX and didn't use a serial port on the PC side either. It used a circuit which switched on a transistor which in turn pulled down the transceiver PTT line. The 13-pin DIN ACC port has that PTT line on it, as well as the other lines needed by that interface.

His earlier published design used a VOX circuit, but not the one I'm talking about. One big advantage of both designs is audio isolation.

However, you seem to have your mind set on a particular arrangement, so I hope it works out for you, assuming you can solve the VOX issue.

Larry J. Ford
KG4GPJ

------ Original Message ------
Received: Mon, 29 Jul 2013 03:59:00 PM EDT
From: "John Geiger" <af5cc@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Icom 706MKII VOX problem

> Hi Larry,
>
> Yes, I am hoping to run a cable from the soundcard to the mic jack using a CAT-5 cable with a couple of 1/8" jacks for the soundcard. I have done this before with a 706 original I had and it worked great. Just turn on the VOX and you don't need to worry about PTT switching. If I use the 13 pin

accessory jack in the back, then you have to use PTT switching, which at the minimum would require a USB to serial converter since my laptop doesn't have serial ports.
>
> 73 John AF5CC
> ----- Original Message -----
> From: LARRY J. FORD
> To: ic706@yahoogroups.com
> Sent: Monday, July 29, 2013 3:05 PM
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
>
>
> Still a bit unclear on what you are intending to do.
>
> Are you planning on running the mic/speaker input/output lines from the PC
> directly to the mic jack without ANY interface?
>
> I know that Skip Teller had a couple of kits out to make a very inexpensive
> interface (with isolation) between the PC, usually around $20.00, one of which
> when to the RJ-45 mic port, and the other used the 13-pin DIN ACCESSORY port.
> (I have both floating around somewhere.)
>
> The same functions of the rig that are available on the RJ-45 mic port are
> available on the 13-pin DIN ACC port (plus much more!).
>
> You can buy a 13-pin DIN plug for less than $5.00 (which leaves the issue of
> soldering lines to those pins!), or, if you've got the original accessories
> that came with an IC-706 or IC-706MKII, ICOM furnished a 13-pin DIN Plug with
> "pigtails" already soldered to those 13 pins.
>
> Bottom line: it's fully possible to use the 13-pin DIN ACCESSORY port for
> digital soundcard modes on the 706s without incurring the expenses mentioned
> below.
>
> In any event, hope it works out for you.
>
> Larry J. Ford
> KG4GPJ
>
>

> ------ Original Message ------
> Received: Mon, 29 Jul 2013 10:33:11 AM EDT
> From: "John Geiger" <af5cc@...>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] Icom 706MKII VOX problem
>
> > Hi Larry,
> >
> > Yes, I am going to use the mic jack for the digital modes, as I already
have
> a cable made up for it, so there is no cost as a digital modes interface
would
> be $50 or so, and also, my laptop doesn't have any serial ports, so I
would
> have to get a USB to serial converter which is another $20 or so. This
worked
> fine with the 706 original I used to have, not sure why the MKII is
having
> this problem.
> >
> > 73 John AF5CC
> >
> > ----- Original Message -----
> > From: LARRY J. FORD
> > To: ic706@yahoogroups.com
> > Sent: Monday, July 29, 2013 2:04 PM
> > Subject: Re: [ic706] Icom 706MKII VOX problem
> >
> >
> >
> > Sounds like you intend to use the mic port for digital soundcard modes
> via
> > VOX.
> >
> > Why not use the 13-pin DIN ACC port on the rear and avoid the VOX
issue?
> >
> > That's what I do with one of my 706s that I use for digital soundcard
> modes.
> >
> > Or is the ACCESSORY port already tied-up?
> >
> > Larry J. Ford
> > KG4GPJ
> >
> >
> > ------ Original Message ------
> > Received: Mon, 29 Jul 2013 02:30:30 AM EDT
> > From: "John Geiger" <af5cc@...>
> > To: "ICOM Reflector" <icom@...>, <ic706@yahoogroups.com>,

> > <IC-706MKIIG@yahoogroups.com>
> > Subject: [ic706] Icom 706MKII VOX problem
> >
> > > I was trying VOX today on an Icom 706MKII that I recently picked up,
> getting
> > it ready for the digital modes. With the Icom HM-118TM (the TTP mic)
> whenever
> > I would speak it would go into transmit, as VOX should. However, when I
> > stopped speaking it would continue to rapidly switch between transmit
and
> > receive, as VOX shouldn't. I tried adjusting the VOX gain and ANTI VOX
> > controls with no luck, other than it wouldn't go into transmit at all
with
> the
> > VOX gain at minimum. Also, adjusting the VOX delay made no difference.
> > >
> > > Anyone seen this problem before or have an idea as to what is going
on?
> I
> > am sure I just have something set wrong.
> > >
> > > 73 John AF5CC
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20681. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-29 22:30:29 UTC
From: Doug
Topic: 20664  Message: 20681

At 01:39 PM 29/07/2013, you wrote:
>Hi Doug,
>
>I went through the archives a little, and couldn't find anything about it yet.
>
>Let me know if you can find it.
>
>73 John AF5CC
---
I think you missed it. But any way, I dug into my file and the
culprit was C467.
It is a filter cap in the mic bias line. If you have the schematics you should
be able to find it. It is located very close to the two IF filters. I
didn't change it
myself, I had a another chap who had a soldering station do it for
me. I think he use
used a hot air soldering station. I used an ordinary cap bought from
a local parts
store. Couldn't get an original up here in the "Great White North". I
hope you have
a Service manual with all the parts locations.

What was happening, the capacitor must of dried out and it was
allowing a spike into
the vox cct. I also have a MIIG but have had no problems with it.

73
Doug VE5DA

# 20682. Fw: Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-30 03:14:35 UTC
From: John Geiger
Topic: 20682  Message: 20682

Here is the message I received from Scott Malcom at MTS about the cause of the VOX problem I was experiencing.

73 John AF5CC

----- Original Message -----
From: Scott
To: John Geiger
Sent: Monday, July 29, 2013 9:55 PM
Subject: Re: Icom 706MKII VOX problem

HI John:
Yup, it is usually a electrolytic on the Main unit right next to the front interconnect (mylar) flex cable.

Scott Malcom
MTS
5130 Jackson Hwy
Toledo, WA 98591

www.angelfire<DOT>com/biz2/mts
On 7/29/2013 12:49 PM, John Geiger wrote:
Hi Scott,

I have an Icom 706MKII which is a nice radio and it works great except for the VOX circuit on it. When using VOX, it won't return to receive when you are done talking. Instead it rapidly cycles between transmit and receive. I see from some internet searches that other 706MKII owners have this problem as well. I don't know if it occurs in the 706 original or MKIIG.

One ham on the ic706@yahoogroups.com reflector said that it is a blown capacitor in the rig. Are you familiar with this problem and is that the cause of it?

73 John AF5CC

[Non-text portions of this message have been removed]

# 20683. Re: [ic706] Icom 706MKII VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2013-07-31 03:58:23 UTC
From: John Geiger
Topic: 20664  Message: 20683

Thanks Doug, will look into that.

I have figured out a work around for the lack of VOX and RTTY for right now, though.

73 John AF5CC

----- Original Message -----
From: Doug
To: ic706@yahoogroups.com
Sent: Monday, July 29, 2013 10:30 PM
Subject: Re: [ic706] Icom 706MKII VOX problem

At 01:39 PM 29/07/2013, you wrote:
>Hi Doug,
>
>I went through the archives a little, and couldn't find anything about it yet.
>
>Let me know if you can find it.
>
>73 John AF5CC

# 20684. FS IC706MKIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-06 22:32:57 UTC
From: cax3nj
Topic: 20684  Message: 20684

I have for sale the 706MK2G, in perfect condition on all bands. Last used on Field day.
$500.
email direct if interested
73
Stan

# 20685. Re: [ic706] FS IC706MKIIg

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-07 02:27:46 UTC
From: Hong Michael
Topic: 20684  Message: 20685

I'm interested. Do you have pictures of the unit. What comes with it?

---
From: cax3nj <n1zx@...>
To: ic706@yahoogroups.com
Sent: Tuesday, August 6, 2013 3:32 PM
Subject: [ic706] FS IC706MKIIg

I have for sale the 706MK2G, in perfect condition on all bands. Last used on Field day.
$500.
email direct if interested
73
Stan

[Non-text portions of this message have been removed]

# 20686. MKIIG Volume/IF Passband issue

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-07 01:49:07 UTC
From: Justin
Topic: 20686  Message: 20686

First ever post to a group like this, so forgive any faux pas.

The short version of the story is that once upon a time, I dropped my MKIIG from a computer desk. This sheared off the Vol/Gain-Sql pot off of the VR board. I ordered/replaced the pot, but discovered that the portion of the front panel that retained and stabilized it had come off with it.

Fast forward about 9 months. My radio has been experiencing a condition where the Volume (and RF gain) becomes set to max, and the IF passband pegs to one side or the other (dependent on whether it's in USB or LSB). It was intermittent, and could be fixed by thwacking (technical term) the volume knob until it came back.

Today, the condition has come again, and it seems to be permanently set. I took apart the front panel, and through some tricky handling, powered the radio up with the display board in my hand, and I attached/removed the VR board. There was no symptom change. Without digging into the manuals (don't have time, I'm working on the road), I suspect that the ribbon cable between the VR and display boards has failed, and I am seeing the result of the radio believing all of the pots are at max (open). I'm stuck without a multimeter for the night, but I'll have one tomorrow, and I'll ohm out the cable then.

Is this a reasonable assumption? Have any of you out there in 706 land experienced a similar issue? Does anybody out there have a junker 706 with a ribbon cable part number E41447-K 2897 VW-1 that they'd be willing to put in an envelope for me? I'd appreciate any advice.

Thanks, and 73!

Justin, KK4LSM (/6)

# 20687. Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-06 21:36:48 UTC
From: John Geiger
Topic: 20687  Message: 20687

I was running my Icom 706MKII mobile over the past few days and made quite a few QSOs on the County Hunters Net. However, 2 interesting things showed up, that I am looking for solutions for. I had my 706 plugged into the cigarette lighter on a 2007 Chrysler Town and Country Minivan. The cables were 10 or 12 guage so there shouldn't have been much voltage drop. The antenna was a MFJ mini hamstick (3 feet tall on a 5 inch mag mount) for 20 meters. I had the rig set to 40 watts due to the current limitations of the cigarette lighter.

The first thing I noticed was that I was getting RF bites off of the set up MFJ mini travel paddles I was using. Also off of the rig case at times. This is intersting because it didn't happen last month when I was using a Yaesu FT857 with the same setup. The only difference was that the paddles have a 1/8" plug on the end, so they plugged directly into the FT857's key jack, whereas I had to use a 1/8' to 1/4" adaptor for the key jack on the Icom 706MKII. Don't know if the adaptor could cause something like that.

Secondly, a couple of stations told me I had a chirp on my signal, like the battery was low. I didn't get this report when the FT857 either, running at around the same power, nor with an Icom 706 original I used to have. Could the 706mKII be more sensitive to lower voltages?

I wonder if others have experienced these problems with their 7-6s or have an idea as to what could be going on with my setup.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20688. Re: [ic706] Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-07 14:26:54 UTC
From: LARRY J. FORD
Topic: 20687  Message: 20688

ICOM 706s are indeed very sensitive to voltage drops, especially on SSB (it will grossly distort the audio). I run a ICOM IC-706MKII mobile, but to avoid what you are experiencing I use the MFJ-706 EMCOMM "box" bolted down to power from a 12-volt socket in my Honda CR-V because the MFJ-706 has a bank of capacitors built-in to provide the current needed when you key down at 100 watts and avoid drawing too much current through that 12-volt socket.

That works OK when the engine is running, but it does not boost the voltage, and I get a voltage drop when the engine is off and even when the engine is idling (shouldn't, with an alternator, but it does). [Yes, I have been TOO lazy to do a proper mobile install, with the power leads run all the way back to the battery, and a good chassis ground from the rig to the car body!]

Regarding those 12-volt socket, you don't know (unless you've gotten "under the hood," so to speak) what gauge wiring supplies the socket from the car's bus (I doubt it's wired directly back to the battery), so a high current draw in undersized wiring will likely produce a voltage drop to the rig, at least to my understanding of such matters.

And, finally, a 3-feet tall antenna on 20 meters???? Must be a big loading coil at the base of that little sucker? Did you check the SWR?

Larry J. Ford
K4AEC (formerly KG4GPJ)

------ Original Message ------
Received: Wed, 07 Aug 2013 12:47:32 AM EDT
From: "John Geiger" <af5cc@...>
To: <ic706@yahoogroups.com>, "ICOM Reflector" <icom@...>,
<IC-706MKIIG@yahoogroups.com>
Subject: [ic706] Running mobile with some CW problems

> I was running my Icom 706MKII mobile over the past few days and made quite a few QSOs on the County Hunters Net. However, 2 interesting things showed up, that I am looking for solutions for. I had my 706 plugged into the cigarette lighter on a 2007 Chrysler Town and Country Minivan. The cables were 10 or 12 guage so there shouldn't have been much voltage drop. The antenna was a MFJ mini hamstick (3 feet tall on a 5 inch mag mount) for 20 meters. I had the rig set to 40 watts due to the current limitations of the cigarette lighter.
>
> The first thing I noticed was that I was getting RF bites off of the set up MFJ mini travel paddles I was using. Also off of the rig case at times. This is intersting because it didn't happen last month when I was using a Yaesu FT857 with the same setup. The only difference was that the paddles have a 1/8" plug on the end, so they plugged directly into the FT857's key jack, whereas I had to use a 1/8' to 1/4" adaptor for the key jack on the Icom

706MKII. Don't know if the adaptor could cause something like that.
>
> Secondly, a couple of stations told me I had a chirp on my signal, like the battery was low. I didn't get this report when the FT857 either, running at around the same power, nor with an Icom 706 original I used to have. Could the 706mKII be more sensitive to lower voltages?
>
> I wonder if others have experienced these problems with their 7-6s or have an idea as to what could be going on with my setup.
>
> 73 John AF5CC
>
> [Non-text portions of this message have been removed]
>
>

# 20689. Re: [ic706] Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-07 15:11:00 UTC
From: Ralph Mowery
Topic: 20687  Message: 20689

The chirp may be due to voltage drop.  The 706 has a problem in that no mater how low the power is set, it will still try to put out 100 watts for a fraction of a second when first switched to transmitt.

Alos trying to run an antenna for the low bands with a mag mount is asking for trouble. The mag mount is not large enough to couple to the body of a car, so much of the antenna current will try to follow the coax back to the rig.

Some Icom 706 rigs have problems with internal grounding.  This can show up, especially if the antenna system is not up to stuff.

>_____
>From: LARRY J. FORD <lford@...>
>To: ic706@yahoogroups.com
>Sent: Wednesday, August 7, 2013 10:26 AM
>Subject: Re: [ic706] Running mobile with some CW problems
>
>
>ICOM 706s are indeed very sensitive to voltage drops, especially on SSB (it
>will grossly distort the audio).  I run a ICOM IC-706MKII mobile, but to avoid
>what you are experiencing I use the MFJ-706 EMCOMM "box" bolted down to power
>from a 12-volt socket in my Honda CR-V because the MFJ-706 has a bank of
>capacitors built-in to provide the current needed when you key down at 100
>watts and avoid drawing too much current through that 12-volt socket.
>
>That works OK when the engine is running, but it does not boost the voltage,
>and I get a voltage drop when the engine is off and even when the engine is
>idling (shouldn't, with an alternator, but it does).  [Yes, I have been TOO
>lazy to do a proper mobile install, with the power leads run all the way back
>to the battery, and a good chassis ground from the rig to the car body!]
>
>Regarding those 12-volt socket, you don't know (unless you've gotten "under
>the hood," so to speak) what gauge wiring supplies the socket from the car's
>bus (I doubt it's wired directly back to the battery), so a high current draw
>in undersized wiring will likely produce a voltage drop to the rig, at least
>to my understanding of such matters.
>
>And, finally, a 3-feet tall antenna on 20 meters????  Must be a big loading
>coil at the base of that little sucker?  Did you check the SWR?
>
>
>Larry J. Ford
>K4AEC (formerly KG4GPJ)
>
>
>

>

[Non-text portions of this message have been removed]

# 20690. Re: [ic706] Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-07 15:14:07 UTC
From: LARRY J. FORD
Topic: 20687  Message: 20690

I didn't have the "chirp." It was the fellow who I responded to.

Larry J. Ford
K4AEC (formerly KG4GPJ)

------ Original Message ------
Received: Wed, 07 Aug 2013 11:11:43 AM EDT
From: Ralph Mowery <ku4pt@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Running mobile with some CW problems

> The chirp may be due to voltage drop.  The 706 has a problem in that no
mater how low the power is set, it will still try to put out 100 watts for a
fraction of a second when first switched to transmitt.
>
> Alos trying to run an antenna for the low bands with a mag mount is asking
for trouble.  The mag mount is not large enough to couple to the body of a
car, so much of the antenna current will try to follow the coax back to the
rig.
>
> Some Icom 706 rigs have problems with internal grounding.  This can show
up, especially if the antenna system is not up to stuff.
>
>
>
> >_________________________________
> >From: LARRY J. FORD <lford@...>
> >To: ic706@yahoogroups.com
> >Sent: Wednesday, August 7, 2013 10:26 AM
> >Subject: Re: [ic706] Running mobile with some CW problems
> >
> >
> >ICOM 706s are indeed very sensitive to voltage drops, especially on SSB
(it
> >will grossly distort the audio).  I run a ICOM IC-706MKII mobile, but to
avoid
> >what you are experiencing I use the MFJ-706 EMCOMM "box" bolted down to
power
> >from a 12-volt socket in my Honda CR-V because the MFJ-706 has a bank of
> >capacitors built-in to provide the current needed when you key down at 100
> >watts and avoid drawing too much current through that 12-volt socket.
> >
> >That works OK when the engine is running, but it does not boost the
voltage,
> >and I get a voltage drop when the engine is off and even when the engine
is

> >idling (shouldn't, with an alternator, but it does).  [Yes, I have been
TOO
> >lazy to do a proper mobile install, with the power leads run all the way
back
> >to the battery, and a good chassis ground from the rig to the car body!]
> >
> >Regarding those 12-volt socket, you don't know (unless you've gotten
"under
> >the hood," so to speak) what gauge wiring supplies the socket from the
car's
> >bus (I doubt it's wired directly back to the battery), so a high current
draw
> >in undersized wiring will likely produce a voltage drop to the rig, at
least
> >to my understanding of such matters.
> >
> >And, finally, a 3-feet tall antenna on 20 meters????  Must be a big
loading
> >coil at the base of that little sucker?  Did you check the SWR?
> >
> >
> >Larry J. Ford
> >K4AEC (formerly KG4GPJ)
> >
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

# 20691. External Speaker

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-10 17:53:35 UTC
From: sv_maitairoa
Topic: 1044  Message: 20691

Just installed a Icom 706 MKIIG and planned to use an external speaker made by Am-Com Inc. Model # CSS-1 (Clear Speech Speaker) with noise filter.

Works great during receive but when I transmit it back feeds thru the speaker.

Any fix for this? Would hate to not be able to use this speaker.

Thanks

Alex
KF6RKD

# 20692. Re: [ic706] External Speaker

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-11 12:06:25 UTC
From: Randy Allen
Topic: 1044  Message: 20692

Have you tried an RF Choke on the speaker lead?

On 8/10/2013 13:53, sv_maitairoa wrote:
> Just installed a Icom 706 MKIIG and planned to use an external speaker
> made by Am-Com Inc. Model # CSS-1 (Clear Speech Speaker) with noise filter.
>
> Works great during receive but when I transmit it back feeds thru the
> speaker.
>
> Any fix for this? Would hate to not be able to use this speaker.
>
> Thanks
>
> Alex
> KF6RKD
>
>

--
Randy Allen, KA?AZS

# 20693. Re: [ic706] External Speaker

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-11 12:16:27 UTC
From: mikerodgerske5gbc@...
Topic: 1044  Message: 20693

I had that problem with the internal speaker using a mag mount on 20m.
Chokes on the coax cured it.

Some amplified speakers are more problem than others. I've found 17 and sometimes 15 to be problems sometimes only 17 and or 15. Antenna farther away helps too.

73
Mike R

On Aug 10, 2013, at 12:53 PM, "sv_maitairoa" <sv_maitairoa@...> wrote:

> Just installed a Icom 706 MKIIG and planned to use an external speaker made by Am-Com Inc. Model # CSS-1 (Clear Speech Speaker) with noise filter.
>
> Works great during receive but when I transmit it back feeds thru the speaker.
>
> Any fix for this? Would hate to not be able to use this speaker.
>
> Thanks
>
> Alex
> KF6RKD
>
>

[Non-text portions of this message have been removed]

# 20694. Re: [ic706] External Speaker

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-11 13:36:18 UTC
From: Colin XSD
Topic: 1044  Message: 20694

I also had the same problem especially on 17 & 15m. Winding a few turns of the cable around a small toroid solved it for me (as close to the Plug as possible), if that doesn't totally eliminate it a de-coupling capacitor across the Speaker may also help (I have seen some Speakers that have these fitted already).

73, Colin M0XSD.
From: mikerodgerske5gbc@...
Sent: Sunday, August 11, 2013 12:16 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] External Speaker

I had that problem with the internal speaker using a mag mount on 20m.
Chokes on the coax cured it.

Some amplified speakers are more problem than others. I've found 17 and sometimes 15 to be problems sometimes only 17 and or 15. Antenna farther away helps too.

73
Mike R

On Aug 10, 2013, at 12:53 PM, "sv_maitairoa" <mailto:sv_maitairoa%40yahoo.com> wrote:

> Just installed a Icom 706 MKIIG and planned to use an external speaker made by Am-Com Inc. Model # CSS-1 (Clear Speech Speaker) with noise filter.
>
> Works great during receive but when I transmit it back feeds thru the speaker.
>
> Any fix for this? Would hate to not be able to use this speaker.
>
> Thanks
>
> Alex
> KF6RKD
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20695. Re: Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-13 12:15:43 UTC
From: Bob MacDonnell
Topic: 20687  Message: 20695

How much capacitance does the MFJ-706 have Larry?

I frequently have to run the engine to use SSB for Pactor. I have a good supply to a good battery bank, but the transients eat up enough of the available volts to disable comms. Might be practical for me to add the capacitance.
Regards,
Bob M

--- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
>
> ICOM 706s are indeed very sensitive to voltage drops, especially on SSB (it
> will grossly distort the audio). I run a ICOM IC-706MKII mobile, but to avoid
> what you are experiencing I use the MFJ-706 EMCOMM "box" bolted down to power
> from a 12-volt socket in my Honda CR-V because the MFJ-706 has a bank of
> capacitors built-in to provide the current needed when you key down at 100
> watts and avoid drawing too much current through that 12-volt socket.
>
> That works OK when the engine is running, but it does not boost the voltage,
> and I get a voltage drop when the engine is off and even when the engine is
> idling (shouldn't, with an alternator, but it does). [Yes, I have been TOO
> lazy to do a proper mobile install, with the power leads run all the way back
> to the battery, and a good chassis ground from the rig to the car body!]

# 20696. Re: [ic706] Re: Running mobile with some CW problems

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-13 14:25:08 UTC
From: LARRY J. FORD
Topic: 20687  Message: 20696

I recall Phil Salas' review saying it had 4 farads of capacitance, although the MFJ product website says only "several" farads:
http://www.mfjenterprises.com/Product.php?productid=MFJ-706

Manual is here: http://www.mfjenterprises.com/pdffiles/MFJ-706.pdf

Phil's review is here:
http://www.ad5x.com/images/Presentations/MFJ706%20Review%20RevA.pdf

"...a 4-FARAD bank of super capacitors which supplies the peak current needed for low duty cycle SSB and CW modes."

As a surprising plus, the built-in autotuner in the MFJ-706 is quite effective, plugs right into the ICOM tuner connector on the back of the 706, and does a good job of extending the tuning range of a 40-meter Hamstick and 40 and 80 meter Hustlers.

I doubt I would pay the retail price MJF wants for a new unit, but I got a good deal on the one I bought.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Tue, 13 Aug 2013 08:16:17 AM EDT
From: "Bob MacDonnell" <sv_siddiqi@yahoo.ca>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Running mobile with some CW problems

> How much capacitance does the MFJ-706 have Larry?
>
> I frequently have to run the engine to use SSB for Pactor. I have a good supply to a good battery bank, but the transients eat up enough of the available volts to disable comms. Might be practical for me to add the capacitance.
> Regards,
> Bob M
>
> --- In ic706@yahoogroups.com, "LARRY J. FORD" <lford@...> wrote:
> >
> > ICOM 706s are indeed very sensitive to voltage drops, especially on SSB (it
> > will grossly distort the audio). I run a ICOM IC-706MKII mobile, but to avoid
> > what you are experiencing I use the MFJ-706 EMCOMM "box" bolted down to power
> > from a 12-volt socket in my Honda CR-V because the MFJ-706 has a bank of

> > capacitors built-in to provide the current needed when you key down at
100
> > watts and avoid drawing too much current through that 12-volt socket.
> >
> > That works OK when the engine is running, but it does not boost the
voltage,
> > and I get a voltage drop when the engine is off and even when the engine
is
> > idling (shouldn't, with an alternator, but it does). [Yes, I have been
TOO
> > lazy to do a proper mobile install, with the power leads run all the way
back
> > to the battery, and a good chassis ground from the rig to the car body!]
>
>

# 20697. Re: External Speaker

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-12 01:13:05 UTC
From: sv_maitairoa
Topic: 1044  Message: 20697

Thanks to the group for all the feedback. Adding a ferrite around the plug fixed the problem. I only had one around the power lead before.

73's

--- In ic706@yahoogroups.com, "sv_maitairoa" <sv_maitairoa@...> wrote:
>
> Just installed a Icom 706 MKIIG and planned to use an external speaker made by Am-Com Inc. Model # CSS-1 (Clear Speech Speaker) with noise filter.
>
> Works great during receive but when I transmit it back feeds thru the speaker.
>
> Any fix for this? Would hate to not be able to use this speaker.
>
> Thanks
>
> Alex
> KF6RKD
>

# 20698. Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-13 20:13:47 UTC
From: Trevor M1CXF
Topic: 20698  Message: 20698

I have just been out in my van and found my 706 mk2g is dead. I dug the rig out from its normal place and tried to switch it on with the head unit directly fitted to rule out any remote cable problems. I have checked the fuses and even had the lid off and checked that there was 12 volt making it into the unit. All of these checks have been fine but still a dead rig. No clicks or any other sounds come from the unit when disconnecting or reconnecting power.
Has anyone got a clue where I should check next?

Regards

Trevor (M1CXF)

# 20699. Re: [ic706] Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-14 16:32:46 UTC
From: Ralph Mowery
Topic: 20698  Message: 20699

This seems to be a common proble with the 706.  I had that problem and sent it to  be repaired.

Look at this:
http://www.youtube.com/watch?v=CCGF1BJsRko

While yours will not go  off and on , it is probably the same repair.

There is a capacitor that seems to go bad and leak on the circuit board and eat up the traces on the circuit board.

If you do a search on the internet you can find places where others have rfepaired the board.

>_____
>From: Trevor M1CXF <M1cxf@...>
>To: ic706@yahoogroups.com
>Sent: Tuesday, August 13, 2013 4:13 PM
>Subject: [ic706] Dead 706 mk2g
>
>
>I have just been out in my van and found my 706 mk2g is dead. I dug the rig out from its normal place and tried to switch it on with the head unit directly fitted to rule out any remote cable problems. I have checked the fuses and even had the lid off and checked that there was 12 volt making it into the unit. All of these checks have been fine but still a dead rig. No clicks or any other sounds come from the unit when disconnecting or reconnecting power.
>Has anyone got a clue where I should check next?
>
>Regards
>
>Trevor (M1CXF)
>
>
>

[Non-text portions of this message have been removed]

# 20700. Re: [ic706] Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-16 11:29:54 UTC
From: Trevor J Corney (M1CXF)
Topic: 20698  Message: 20700

I have now had oppertunity to remove the radio and put it on the bench to find that it matches the video clip. I couldn't hear the clicking because of where it is fitted in my vehicle. Upon further investigation I have so far found one blown capacitor and hopefully I have got to it before it has rotted anything else. So for the price of a cap and a little of my time I hope to fix the radio soon. Why any radio is built with such an inherent fault is beyond me!

[Non-text portions of this message have been removed]

# 20701. Re: [ic706] Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-16 12:24:02 UTC
From: Alan Beagley
Topic: 20698  Message: 20701

On 08/16/13 07:29 am, Trevor J Corney (M1CXF) wrote:
> I have now had oppertunity to remove the radio and put it on the bench to find that it matches the video clip. I couldn't hear the clicking because of where it is fitted in my vehicle. Upon further investigation I have so far found one blown capacitor and hopefully I have got to it before it has rotted anything else. So for the price of a cap and a little of my time I hope to fix the radio soon. Why any radio is built with such an inherent fault is beyond me!

Several years ago -- and perhaps at the time your rig was built -- a huge number of faulty electrolytic capacitors were showing up in all kinds of products: computer motherboards were a common victim. So the problem with your rig might have resulted from a faulty component rather than from a design fault.

73

Alan NV8A

# 20702. Re: [ic706] Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-16 14:16:32 UTC
From: LARRY J. FORD
Topic: 20698  Message: 20702

Trevor J Corney (M1CXF)wrote: "Why any radio is built with such an inherent fault is beyond me!"

Are you saying the ICOM engineers designed it that way?

Any manufacturer can inadvertently get delivery of a bad run of any component.

Plus, unless you've owned it since it was new, who knows what conditions it was subjected to before you got it. Components can and do go bad all the time.

I've got an original IC-706 and an IC-706MKII, neither of which have (thankfully) suffered this "fault," so I suppose the fault is not necessarily "inherent."

Glad you got it fixed easily.

Larry
K4AEC

------ Original Message ------
Received: Fri, 16 Aug 2013 07:30:33 AM EDT
From: "Trevor J Corney (M1CXF)" <M1cxf@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Dead 706 mk2g

> I have now had oppertunity to remove the radio and put it on the bench to find that it matches the video clip. I couldn't hear the clicking because of where it is fitted in my vehicle. Upon further investigation I have so far found one blown capacitor and hopefully I have got to it before it has rotted anything else. So for the price of a cap and a little of my time I hope to fix the radio soon. Why any radio is built with such an inherent fault is beyond me!
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20703. Re: [ic706] Dead 706 mk2g

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-16 15:03:52 UTC
From: mikerodgerske5gbc@...
Topic: 20698  Message: 20703

Yes and just how old is that radio?
I bet one bought today won't have the same track record.

73
Mike R

On Aug 16, 2013, at 7:24 AM, Alan Beagley <ajbeagley@...> wrote:

> On 08/16/13 07:29 am, Trevor J Corney (M1CXF) wrote:
> > I have now had oppertunity to remove the radio and put it on the bench to find that it matches the video clip. I couldn't hear the clicking because of where it is fitted in my vehicle. Upon further investigation I have so far found one blown capacitor and hopefully I have got to it before it has rotted anything else. So for the price of a cap and a little of my time I hope to fix the radio soon. Why any radio is built with such an inherent fault is beyond me!
> >
> Several years ago -- and perhaps at the time your rig was built -- a
> huge number of faulty electrolytic capacitors were showing up in all
> kinds of products: computer motherboards were a common victim. So the
> problem with your rig might have resulted from a faulty component rather
> than from a design fault.
>
> 73
>
> Alan NV8A
>

[Non-text portions of this message have been removed]

# 20705. 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 17:08:46 UTC
From: mikemosier2000
Topic: 20705  Message: 20705

I just purchased a used 706, and it works great.
But I am having a problem setting up the 2 m repeater portion. I am sure I am doing something wrong.
Anyone have a simple set procedure for setting for a repeater.
Mike mosier

# 20706. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 18:19:42 UTC
From: LARRY J. FORD
Topic: 20705  Message: 20706

Do you have the manual?

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Tue, 20 Aug 2013 01:24:44 PM EDT
From: "mikemosier2000" <mikemosier@...>
To: ic706@yahoogroups.com
Subject: [ic706] 2m repeater set up

> I just purchased a used 706, and it works great.
> But I am having a problem setting up the 2 m repeater portion. I am sure I
am doing something wrong.
> Anyone have a simple set procedure for setting for a repeater.
> Mike mosier
>
>

# 20707. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 20:36:11 UTC
From: mikerodgerske5gbc@...
Topic: 20705  Message: 20707

Is it a 706 original? I never had one of the originals. I did have the problem of knocking the tone off by accidentally moving the vfo.

Mike R

On Aug 20, 2013, at 12:08 PM, "mikemosier2000" <mikemosier@...> wrote:

> I just purchased a used 706, and it works great.
> But I am having a problem setting up the 2 m repeater portion. I am sure I am doing something wrong.
> Anyone have a simple set procedure for setting for a repeater.
> Mike mosier
>
>

[Non-text portions of this message have been removed]

# 20708. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 18:37:48 UTC
From: John Geiger
Topic: 20705  Message: 20708

The 706 original and the 706MKII do not have automatic repeater setups. You have to set the split and offset in one of the startup menus (turn radio on while holding down the lock key), and then choose the repeater function when you get to the correct receive frequency.

73 John AF5CC

On Tue, Aug 20, 2013 at 12:08 PM, mikemosier2000 <mikemosier@...>wrote:

> **
>
>
> I just purchased a used 706, and it works great.
> But I am having a problem setting up the 2 m repeater portion. I am sure I
> am doing something wrong.
> Anyone have a simple set procedure for setting for a repeater.
> Mike mosier
>
>
>

[Non-text portions of this message have been removed]

# 20709. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 20:27:10 UTC
From: mikemosier@...
Topic: 20705  Message: 20709

----- Original Message -----
From: LARRY J. FORD
Sent: 08/20/13 12:19 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 2m repeater set up

Yes, but I have figured everything else out except how to hit the local repeater. 145.35 -600 and 67. I can receive the repeater, and get the transmitter to shift down 600, but I think the tone is not going out to key the repeater.
Any suggestions are welcome
Mike
wd5iom

[Non-text portions of this message have been removed]

# 20710. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 21:02:57 UTC
From: LARRY J. FORD
Topic: 20705  Message: 20710

I have always just followed the manual procedure for setting up and storing a repeater in a memory channel.

The Tone can be set in the "Quick Set Menu."

However, you have to make sure you do the "Memory Write" function to store the repeater parameters in a vacant memory slot.

I don't have access to the manual at this moment.

Is it an "original" 706 or a 706MKII or 706MKIIG?

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Tue, 20 Aug 2013 04:56:33 PM EDT
From: mikemosier@...
To: ic706@yahoogroups.com
Subject: Re: [ic706] 2m repeater set up

> ----- Original Message -----
> From: LARRY J. FORD
> Sent: 08/20/13 12:19 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 2m repeater set up
>
> Yes, but I have figured everything else out except how to hit the local repeater. 145.35 -600 and 67. I can receive the repeater, and get the transmitter to shift down 600, but I think the tone is not going out to key the repeater.
> Any suggestions are welcome
> Mike
> wd5iom
>
> [Non-text portions of this message have been removed]
>
>

# 20711. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 23:08:07 UTC
From: mikerodgerske5gbc@...
Topic: 20705  Message: 20711

On the II and the g and I presume the original, you must see FM-T in the display or its not transmitting tone.

You'll want a memory for it. If you bump the vfo it may change to fm no tone. A memory allows quick return.

73
Mike R

On Aug 20, 2013, at 1:37 PM, John Geiger <af5cc@...> wrote:

> The 706 original and the 706MKII do not have automatic repeater setups. You
> have to set the split and offset in one of the startup menus (turn radio on
> while holding down the lock key), and then choose the repeater function
> when you get to the correct receive frequency.
>
> 73 John AF5CC
>
> On Tue, Aug 20, 2013 at 12:08 PM, mikemosier2000 <mikemosier@zianet.com>wrote:
>
> > **
> >
> >
> > I just purchased a used 706, and it works great.
> > But I am having a problem setting up the 2 m repeater portion. I am sure I
> > am doing something wrong.
> > Anyone have a simple set procedure for setting for a repeater.
> > Mike mosier
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

# 20712. FS: Icom 706MKII HF/6m/2m transceiver

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 22:11:07 UTC
From: John Geiger
Topic: 20712  Message: 20712

I have for sale an Icom 706MKII HF/6m/2m transceiver with the UT-106 DSP unit installed. It does 100 watts on HF and 6m and around 25 watts on 2m. The case is in pretty good condition with a couple of rough spots near the SO239 connector on the rear. Also, some of the paint has worn off the metal rim around the back of the faceplate, but overall it looks pretty good. It has great receive and does full power out. It does act a little finicky on VOX at times, but other than that, works great. It comes with the HM-100N hand mic, a 3 foot long power cord terminated in Anderson power poles, and a copy of the manual. I have worked 45 countries with this rig in the past month, so it is doing great.

I am asking $415 plus shipping for it. I can take paypal/check/MO or cash. I like this rig alot but just replaced it with something that does UHF as well so I can get back on the satellites.

73 John AF5CC

[Non-text portions of this message have been removed]

# 20713. Re: [ic706] 2m repeater set up

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-20 23:52:54 UTC
From: mikemosier@...
Topic: 20705  Message: 20713

origional 706
----- Original Message -----
From: LARRY J. FORD
Sent: 08/20/13 03:02 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 2m repeater set up

[Non-text portions of this message have been removed]

# 20714. PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-21 01:46:00 UTC
From: va7oj
Topic: 20714  Message: 20714

I am informed that Icom America Parts have 14 PA boards for the original IC-706 (these boards are not for the MKII or MKIIG.) First come first served.

Contact parts@... or 1-800-346-0495. These items will be supplied to US Customers/US addresses only.

73, Adam VA7OJ/AB4OJ

# 20715. Re: [ic706] PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-21 02:10:06 UTC
From: Wayne Bowyer
Topic: 20714  Message: 20715

Any idea what the cost is?

73's
Wayne
n4eyz

On Tue, Aug 20, 2013 at 9:46 PM, va7oj <farson@...> wrote:

> **
>
>
> I am informed that Icom America Parts have 14 PA boards for the original
> IC-706 (these boards are not for the MKII or MKIIG.) First come first
> served.
>
> Contact parts@icomamerica.com or 1-800-346-0495. These items will be
> supplied to US Customers/US addresses only.
>
> 73, Adam VA7OJ/AB4OJ
>
>
>

[Non-text portions of this message have been removed]

# 20716. Re: PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-21 05:24:53 UTC
From: va7oj
Topic: 20714  Message: 20716

No, you would need to call or e-mail them.

73, Adam VA7OJ/AB4OJ

--- In ic706@yahoogroups.com, Wayne Bowyer <wayne.bowyer@...> wrote:
>
> Any idea what the cost is?
>
> 73's
> Wayne
> n4eyz
>
>
> On Tue, Aug 20, 2013 at 9:46 PM, va7oj <farson@...> wrote:
>
> > **
> >
> >
> > I am informed that Icom America Parts have 14 PA boards for the original
> > IC-706 (these boards are not for the MKII or MKIIG.) First come first
> > served.
> >
> > Contact parts@... or 1-800-346-0495. These items will be
> > supplied to US Customers/US addresses only.
> >
> > 73, Adam VA7OJ/AB4OJ
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

# 20717. Re: [ic706] PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-21 17:21:42 UTC
From: LARRY J. FORD
Topic: 20714  Message: 20717

They are quoting $200.00~ each for the PA boards WITH the output transistors.

Larry J. Ford
K4AEC (ex KG4GPJ)
706/706MKII

------ Original Message ------
Received: Tue, 20 Aug 2013 10:06:54 PM EDT
From: "va7oj" <farson@shaw.ca>
To: ic706@yahoogroups.com
Subject: [ic706] PA boards for original IC-706 available at Icom America

> I am informed that Icom America Parts have 14 PA boards for the original
IC-706 (these boards are not for the MKII or MKIIG.) First come first served.

>
> Contact parts@... or 1-800-346-0495. These items will be
supplied to US Customers/US addresses only.
>
> 73, Adam VA7OJ/AB4OJ
>
>

# 20718. Re: [ic706] PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-22 10:40:19 UTC
From: mikerodgerske5gbc@...
Topic: 20714  Message: 20718

I suppose that could be a decent deal, if you need one. The mk2g motorolas were $400, I think they are gone by now.

73
Mike R

On Aug 21, 2013, at 12:21 PM, "LARRY J. FORD" <lford@...> wrote:

> They are quoting $200.00~ each for the PA boards WITH the output transistors.
>
> Larry J. Ford
> K4AEC (ex KG4GPJ)
> 706/706MKII
>
>
> ------ Original Message ------
> Received: Tue, 20 Aug 2013 10:06:54 PM EDT
> From: "va7oj" <farson@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] PA boards for original IC-706 available at Icom America
>
> > I am informed that Icom America Parts have 14 PA boards for the original
> IC-706 (these boards are not for the MKII or MKIIG.) First come first served.
>
> >
> > Contact parts@icomamerica.com or 1-800-346-0495. These items will be
> supplied to US Customers/US addresses only.
> >
> > 73, Adam VA7OJ/AB4OJ
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20719. Re: [ic706] PA boards for original IC-706 available at Icom America

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-22 13:54:37 UTC
From: LARRY J. FORD
Topic: 20714  Message: 20719

If you needed one, and didn't have it, it might be worth more as the radio is a nice paper weight without it!

Still, the price is about one-half of what original 706s typically bring.

If I were going to definitely keep my original 706, I might buy for "insurance," but I'm thinking seriously of selling my 706 and 706MKII and applying the proceeds toward the new IC-7100.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Thu, 22 Aug 2013 06:40:49 AM EDT
From: mikerodgerske5gbc@...
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] PA boards for original IC-706 available at Icom America

> I suppose that could be a decent deal, if you need one. The mk2g motorolas were $400, I think they are gone by now.
>
> 73
> Mike R
>
> On Aug 21, 2013, at 12:21 PM, "LARRY J. FORD" <lford@...> wrote:
>
> > They are quoting $200.00~ each for the PA boards WITH the output transistors.
> >
> > Larry J. Ford
> > K4AEC (ex KG4GPJ)
> > 706/706MKII
> >
> >
> > ------ Original Message ------
> > Received: Tue, 20 Aug 2013 10:06:54 PM EDT
> > From: "va7oj" <farson@shaw.ca>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] PA boards for original IC-706 available at Icom America
> >
> > > I am informed that Icom America Parts have 14 PA boards for the original
> > IC-706 (these boards are not for the MKII or MKIIG.) First come first served.
> >
> > >

> > > Contact parts@... or 1-800-346-0495. These items will be
> > supplied to US Customers/US addresses only.
> > >
> > > 73, Adam VA7OJ/AB4OJ
> > >
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>

# 20720. no power output on uhf fm mode

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-22 23:13:47 UTC
From: mikemosier2000
Topic: 20720  Message: 20720

I found that I have power output in usb, cw, but no power out in fm or fm t mode.
Swr looks fine. Has anyone experienced this problem?
This is the reason I can't hit the local repeaters, but can receive them with no problem.
Any ideas are welcome.
Mike Mosier

# 20721. Re: [ic706] no power output on uhf fm mode

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 15:00:40 UTC
From: Ralph Mowery
Topic: 20720  Message: 20721

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment.  Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site.  Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mikemosier@zianet.com>
>To: ic706@yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine.  Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>

>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

# 20722. mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 15:17:32 UTC
From: w5sum
Topic: 20722  Message: 20722

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mikemosier@...>
>To: ic706@yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>

>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20723. RE: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 17:40:29 UTC
From: Al Waschka
Topic: 20722  Message: 20723

If you are interested in a screwdriver, I have a High Sierra HS-1500 that I replaced with a Tarheel. I got the Tarheel at a hamfest since I didn't want to be without an antenna while I repainted the High Sierra and I wanted to have the turns counting switch to work with an automatic controller. The High Sierra does not have the switch.

It was working when I removed it, but could use some cleanup. I refurbished it when I bought it from eBay several years ago. The top coil wire was broken, so to reconnect it I removed a couple of turns but it still hits 75 with a 6' whip no problem. When I refurbished it, I stripped it down to piece parts, and had all the metal parts powder coated. I also replaced the flimsy High Sierra sleeve with an acrylic tube and have another spare piece that I will throw in. On the antenna itself, the powder coat is bubbling in a few places and the mount needs to be stripped and repainted. I replaced the motor after using it for a while, so the motor is only about 2 years old.

Electrically, it is fine. I noticed no difference in field strength when I compared the new Tarheel to the High Sierra, and signal reports are consistent as well. I will sell it with the original controller switch and a whip, all you would have to do is get a mount and run some two conductor wire (lamp cord would be fine) to run from the front of the car/truck to the mount.

They do require a strong mount. I had one made up from aluminum box and tube and bolted it to the frame using the bumper mounting bolts.

If interested, I'd like to get $175 for it plus shipping. I'll take and send some pictures if interested.

Al K5TAN

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of w5sum
Sent: Friday, August 23, 2013 11:18 AM
To: ic706@yahoogroups.com
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap.
The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mikemosier@...
<mailto:mikemosier%40zianet.com> >
>To: ic706@yahoogroups.com <mailto:ic706%40yahoogroups.com>
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has

all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6601 - Release Date: 08/23/13

[Non-text portions of this message have been removed]

# 20724. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 19:19:54 UTC
From: LARRY J. FORD
Topic: 20722  Message: 20724

Are you looking to purchase or for a "donation?"

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Fri, 23 Aug 2013 11:17:22 AM EDT
From: "w5sum" <w5sum@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] mobile antenna needed

> 80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
> ----- Original Message -----
> From: Ralph Mowery
> To: ic706@yahoogroups.com
> Sent: Friday, August 23, 2013 10:00 AM
> Subject: Re: [ic706] no power output on uhf fm mode
>
>
>
> There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
> www.mods.dk
>
> The capacitor is for the FM VCO.
> From what I have read, it only effects the FM transmitt.
> There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.
>
>
>
>
> Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
> 2. Using a Phillips-head driver remove top cover only.
> 3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
> 4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
> 5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap.
> The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
> 7. Re-connect DC Power lead.

> 8. Connect Dummy Load via a PWR meter.
> 9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
> 10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
> 11. Check Power O/P is appropriate to the PWR setting in the menu.
> 12. If all ok, turn off and replace the top cover.
> It is most unlikely you will need to tweak C267.
> The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
> Needless to
>
> >_____
> >From: mikemosier2000 <mikemosier@...>
> >To: ic706@yahoogroups.com
> >Sent: Thursday, August 22, 2013 7:13 PM
> >Subject: [ic706] no power output on uhf fm mode
> >
> >
> >I found that I have power output in usb, cw, but no power out in fm or fm t mode.
> >Swr looks fine. Has anyone experienced this problem?
> >This is the reason I can't hit the local repeaters, but can receive them with no problem.
> >Any ideas are welcome.
> >Mike Mosier
> >
> >
> >and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20725. Re: [ic706] no power output on uhf fm mode

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 16:30:26 UTC
From: mikemosier@...
Topic: 20720  Message: 20725

Ralph:
Thanks, I will check it out.
Mike
----- Original Message -----
From: Ralph Mowery
Sent: 08/23/13 09:00 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] no power output on uhf fm mode

[Non-text portions of this message have been removed]

# 20726. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 16:27:40 UTC
From: donaldorting@...
Topic: 20722  Message: 20726

Hi Ralph,
I have a GS$-160 motor tuned mobile antenna for $350 pickup or $460.00 shipped lower 48 it is the one on the right
Don

-----Original Message-----
From: w5sum <w5sum@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Fri, Aug 23, 2013 8:17 am
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.

It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mikemosier@...>
>To: ic706@yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20727. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 16:35:38 UTC
From: donaldorting@...
Topic: 20722  Message: 20727

Sorry ralph price shipped would be 375.00 not 460 hi hi don't know where that came from I do not have a controller for it but they are available for it or just make one. have a radial that goes to it too but needs a 3/8 inch coupling attached to it or they make a clamp style for them too it is a 102 inch stainless steel whip new that I bought for it then never installed it as I decided to go with the auto tune antenna yaesu makes for the ft-897 I use

-----Original Message-----
From: w5sum <w5sum@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Fri, Aug 23, 2013 8:17 am
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).

11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mikemosier@...>
>To: ic706@yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20728. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 16:22:51 UTC
From: James Stafford
Topic: 20722  Message: 20728

Giga-Parts has a number these antennas on their website for about $15.00 each.

James B Stafford

---
From: w5sum <w5sum@...>
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 10:17 AM
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: mailto:ic706%40yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.

The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mailto:mikemosier%40zianet.com>
>To: mailto:ic706%40yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20729. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 21:16:18 UTC
From: Ronnie Hull
Topic: 20722  Message: 20729

Purchase, I don't expect anything for free! Heck I'm not even a liberal on welfare LOL

Sent from Ronnie's IPhone

On Aug 23, 2013, at 2:19 PM, "LARRY J. FORD" <lford@...> wrote:

>
> Are you looking to purchase or for a "donation?"
>
> Larry J. Ford
> K4AEC (ex KG4GPJ)
>
>
> ------ Original Message ------
> Received: Fri, 23 Aug 2013 11:17:22 AM EDT
> From: "w5sum" <w5sum@...>
> To: <ic706@yahoogroups.com>
> Subject: [ic706] mobile antenna needed
>
> > 80 and 40M mobile antenna's needed, anyone have a used one they will part
> with? Hamstick, Hustler, etc..
> > ----- Original Message -----
> > From: Ralph Mowery
> > To: ic706@yahoogroups.com
> > Sent: Friday, August 23, 2013 10:00 AM
> > Subject: Re: [ic706] no power output on uhf fm mode
> > >
> > >
> > >
> > There is a small varitable capacitor that has been known to give problems.
> It may not be soldered in correctly or it may just need adjustment. Go to
> > www.mods.dk
> > >
> > The capacitor is for the FM VCO.
> > From what I have read, it only effects the FM transmitt.
> > There is a photo of where this is at on the web site. Here is a copy and
> past of what needs to be done.
> > >
> > >
> > >
> > >
> > Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
> > 2. Using a Phillips-head driver remove top cover only.
> > 3. With radio upright & front facing towards you (ie; normal operating
> position) the MAIN Unit PBA is the front board.
> > 4. Locate the 9.0115 MHz IF filter and then C267 (identified on

> silkscreen) 9mm to the right of the filter.
> > 5. Using fresh solder, carefully re-touch up solder joints to both pins of
> the trimmer cap.
> > The filter side is difficult to solder due to nearby capacitors and the
> fact that the ground plane will sink a lot of heat.This is the pin that is
> usually not soldered properly ex the factory.6. Inspect solder joints
> carefully, particularly the ground plane side.
> > 7. Re-connect DC Power lead.
> > 8. Connect Dummy Load via a PWR meter.
> > 9. Turn the transceiver on, select FM mode, and select a convenient test
> frequency, ie; 29.6MHz.
> > 10. Confirm TX carrier frequency is correct against Frequency Counter (or
> another receiver).
> > 11. Check Power O/P is appropriate to the PWR setting in the menu.
> > 12. If all ok, turn off and replace the top cover.
> > It is most unlikely you will need to tweak C267.
> > The setting should still be correct, otherwise alignment is not that
> critical, just set it for centre of lock range.
> > Needless to
> >
> > >_________________________________
> > >From: mikemosier2000 <mikemosier@...>
> > >To: ic706@yahoogroups.com
> > >Sent: Thursday, August 22, 2013 7:13 PM
> > >Subject: [ic706] no power output on uhf fm mode
> > >
> > >
> > >I found that I have power output in usb, cw, but no power out in fm or fm
> t mode.
> > >Swr looks fine. Has anyone experienced this problem?
> > >This is the reason I can't hit the local repeaters, but can receive them
> with no problem.
> > >Any ideas are welcome.
> > >Mike Mosier
> > >
> > >
> > >and look around for either the no fm transmitt fix or maybe a file that
> has all the Icom mods in it.
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>

[Non-text portions of this message have been removed]

# 20730. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-23 21:34:16 UTC
From: donaldorting@...
Topic: 20722  Message: 20730

are you talking about the G4-160?
james?
-----Original Message-----
From: James Stafford <aj5bs@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Fri, Aug 23, 2013 2:10 pm
Subject: Re: [ic706] mobile antenna needed

Giga-Parts has a number these antennas on their website for about $15.00 each.

James B Stafford

_____
From: w5sum <w5sum@...>
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 10:17 AM
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: mailto:ic706%40yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.

9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mailto:mikemosier%40zianet.com>;
>To: mailto:ic706%40yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20731. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-24 04:19:23 UTC
From: James Stafford
Topic: 20722  Message: 20731

These are Jetstream and MFJ single band antennas. I use a 40m Hamstick on my vehicle and it works great. Have not had much luck with the 75-80m version - probably due to the location of the antenna - right behind the tailgate of my SUV.

James B Stafford

---
From: "donaldorting@..." <donaldorting@...>
To: ic706@yahoogroups.com
Sent: Friday, August 23, 2013 4:34 PM
Subject: Re: [ic706] mobile antenna needed

are you talking about the G4-160?
james?
-----Original Message-----
From: James Stafford <mailto:aj5bs%40att.net>
To: ic706 <mailto:ic706%40yahoogroups.com>
Sent: Fri, Aug 23, 2013 2:10 pm
Subject: Re: [ic706] mobile antenna needed

Giga-Parts has a number these antennas on their website for about $15.00 each.

James B Stafford

---
From: w5sum <mailto:w5sum%40comcast.net>
To: mailto:ic706%40yahoogroups.com
Sent: Friday, August 23, 2013 10:17 AM
Subject: [ic706] mobile antenna needed

80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
----- Original Message -----
From: Ralph Mowery
To: mailto:ic706%40yahoogroups.com
Sent: Friday, August 23, 2013 10:00 AM
Subject: Re: [ic706] no power output on uhf fm mode

There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
www.mods.dk

The capacitor is for the FM VCO.
From what I have read, it only effects the FM transmitt.
There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.

Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
2. Using a Phillips-head driver remove top cover only.
3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap. The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
7. Re-connect DC Power lead.
8. Connect Dummy Load via a PWR meter.
9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
11. Check Power O/P is appropriate to the PWR setting in the menu.
12. If all ok, turn off and replace the top cover.
It is most unlikely you will need to tweak C267.
The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
Needless to

>_____
>From: mikemosier2000 <mailto:mikemosier%40zianet.com>;
>To: mailto:ic706%40yahoogroups.com
>Sent: Thursday, August 22, 2013 7:13 PM
>Subject: [ic706] no power output on uhf fm mode
>
>
>I found that I have power output in usb, cw, but no power out in fm or fm t mode.
>Swr looks fine. Has anyone experienced this problem?
>This is the reason I can't hit the local repeaters, but can receive them with no problem.
>Any ideas are welcome.
>Mike Mosier
>
>
>and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

# 20732. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-08-24 15:57:17 UTC
From: LARRY J. FORD
Topic: 20722  Message: 20732

I can also vouch to better than expected results with the 40-meter "Hamstick" which I have on a Hustler stainless steel spring mounted on a Diamond K-400 mount attached about half-way up the rear hatch door on my 2011 Honda CR-V.

I'm feeding it with an IC-706MKII mounted in the MFJ-706 EMCOMM box strapped in the rear cargo area right next to the hatch door. The autotuner built into the MFJ-706 EMCOMM box gives a surprising range of matches from 6.9xx MHz (for non-amateur, but still "legal" purposes) to 7.3xx MHz (ditto). It also does a fine job on the mobile 40 meter Nets between 7.251 and 7.258.

I have also had similar success with the 40 meter Hustler resonator mounted on a 57-inch Hustler folding mast on the CR-V, with the same set-up, but the Hamstick offers less wind resistance and, frankly, "looks" better mounted on the back of the car.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Sat, 24 Aug 2013 07:40:54 AM EDT
From: James Stafford <aj5bs@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] mobile antenna needed

> These are Jetstream and MFJ single band antennas. I use a 40m Hamstick on my vehicle and it works great. Have not had much luck with the 75-80m version - probably due to the location of the antenna - right behind the tailgate of my SUV.
>
> James B Stafford
>
>
> _____
> From: "donaldorting@..." <donaldorting@...>
> To: ic706@yahoogroups.com
> Sent: Friday, August 23, 2013 4:34 PM
> Subject: Re: [ic706] mobile antenna needed
>
>
>
>
>
> are you talking about the G4-160?
> james?
> -----Original Message-----
> From: James Stafford <mailto:aj5bs%40att.net>
> To: ic706 <mailto:ic706%40yahoogroups.com>

> Sent: Fri, Aug 23, 2013 2:10 pm
> Subject: Re: [ic706] mobile antenna needed
>
> Giga-Parts has a number these antennas on their website for about $15.00 each.
>
> James B Stafford
>
>
> _____
> From: w5sum <mailto:w5sum%40comcast.net>
> To: mailto:ic706%40yahoogroups.com
> Sent: Friday, August 23, 2013 10:17 AM
> Subject: [ic706] mobile antenna needed
>
>
>
> 80 and 40M mobile antenna's needed, anyone have a used one they will part with? Hamstick, Hustler, etc..
> ----- Original Message -----
> From: Ralph Mowery
> To: mailto:ic706%40yahoogroups.com
> Sent: Friday, August 23, 2013 10:00 AM
> Subject: Re: [ic706] no power output on uhf fm mode
>
> There is a small varitable capacitor that has been known to give problems. It may not be soldered in correctly or it may just need adjustment. Go to
> www.mods.dk
>
> The capacitor is for the FM VCO.
> From what I have read, it only effects the FM transmitt.
> There is a photo of where this is at on the web site. Here is a copy and past of what needs to be done.
>
> Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
> 2. Using a Phillips-head driver remove top cover only.
> 3. With radio upright & front facing towards you (ie; normal operating position) the MAIN Unit PBA is the front board.
> 4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen) 9mm to the right of the filter.
> 5. Using fresh solder, carefully re-touch up solder joints to both pins of the trimmer cap.
> The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
> 7. Re-connect DC Power lead.
> 8. Connect Dummy Load via a PWR meter.
> 9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.

> 10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
> 11. Check Power O/P is appropriate to the PWR setting in the menu.
> 12. If all ok, turn off and replace the top cover.
> It is most unlikely you will need to tweak C267.
> The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
> Needless to
>
> >_____
> >From: mikemosier2000 <mailto:mikemosier%40zianet.com>;
> >To: mailto:ic706%40yahoogroups.com
> >Sent: Thursday, August 22, 2013 7:13 PM
> >Subject: [ic706] no power output on uhf fm mode
> >
> >
> >I found that I have power output in usb, cw, but no power out in fm or fm t mode.
> >Swr looks fine. Has anyone experienced this problem?
> >This is the reason I can't hit the local repeaters, but can receive them with no problem.
> >Any ideas are welcome.
> >Mike Mosier
> >
> >
> >and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20733. 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 16:01:52 UTC
From: radiow4ron
Topic: 20733  Message: 20733

I wonder if someone can tell me the differences between the
original 706 and the 706mk2?
I bought a 706 at the Shelby hamfest Saturday to go in my my
car for HF mobile, I have a Mk2 in the shack and love it,
I'm just wondering what the main differences between them are?
The first thing I notice is the location of the memory selector
switch not being the same, what else is different?

Thanks a bunch.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20734. RE: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 16:15:16 UTC
From: Al Waschka
Topic: 20733  Message: 20734

Just what I have noticed....I did the reverse of you. My 706 failed and I bought a MkII to replace it.

1. As you have noticed, the RIT knob acts as a memory selector in memory mode when enabled as such in the setup menus.
2. Option to instal the DSP module to get noise reduction and automatic notch filter. Automatic notch works great, noise reduction is only so-so and reduces audio level when enabled.
3. Compressor, if on in HF, is off in VHF.

I'm sure there is more, but I haven't run across it yet.

Al K5TAN

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of radiow4ron
Sent: Wednesday, September 04, 2013 12:02 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 & 706mk2 differences

I wonder if someone can tell me the differences between the original 706 and the 706mk2?
I bought a 706 at the Shelby hamfest Saturday to go in my my car for HF mobile, I have a Mk2 in the shack and love it,
I'm just wondering what the main differences between them are?
The first thing I notice is the location of the memory selector switch not being the same, what else is different?

Thanks a bunch.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date: 09/04/13

# 20735. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 17:44:18 UTC
From: John Geiger
Topic: 20733  Message: 20735

I was thinking of these very same differences just last night. I have had both radios and both are very pretty good performers for their respective prices, and a lot of fun to use. Here are the differences I came up with:

1. The original has 1 filter slot, the MKII has two filter slots.

2. The MKII can be fitted with the UT-106 DSP module (later models came with it as standard. Icom referred to these radios as the 706MKII-15 in their literature at the time). The original cannot be fitted with the DSP board.

3. The original puts out 10 watts on 2m, the MKII puts out 20 watts.

4. The MKII has dedicated up/down band buttons. The original uses these buttons to select the memory channel. You have to change bands using the TS button and the main dial.

5. The MKII has both RTTY and RTTY-R as selectable modes. The original only has RTTY. On the original, you get to RTTY by pressing and holding the mode button when in AM mode. On the MKII, pressing and holding the mode button toggles between AM, FM and WFM modes.

6. On the MKII, preamp or attenuator settings are stored by band, meaning you can turn on the preamp when on 10m and turn it off for 20m, and next time you go from 10m (preamp on) to 20m, the preamp will be off. On the original, it did not do this. If you turn the preamp on and switch bands, the preamp will stay on. Same for the attenuator settings.

7. On the MKII when running split, you can have the VFOs set for different filter settings. For example, when chasing DX on CW, you might have VFO A as the receive VFO, and set to 500hz to best hear the DX. VFO B is the transmit VFO, but you can turn off the CW filter so when you use the XFC button to find the station the DX is working, you have a wider bandwidth to listen around with. On the original, both VFOs have to use the same filter setting, even with running split frequency.

8. The MKII will let you operate split between 2 different bands. This would be useful for working Oscar 7 when it is in Mode A (2m up, 10m down). The original won't let you do this. I still made a few Mode A QSOs but had to manually switch between VFOs.

9. The MKII is more sensitive with the preamp off. However, I though the original was about the right sensitivity on the lower bands with the preamp off.

10. The MKII has better sensitivity outside the 2m band for public service frequencies. You had to clip a wire in the original to increase

the sensitivity in these areas.

11. The fan runs all of the time on the 706 original (a good thing), whereas the fan only runs during transmit or when the radio reaches a certain temperature on the MKII, unless you do a mod.

12. The original has more heatsink material on the back of the radio.

13. The MKII is supposed to have a larger speaker and better audio output (according to QST). I never noticed a problem with the audio output on the original.

That is what I can think of right now. There are probably a couple of other differences I have forgotten about.

73 John AF5CC

On Wed, Sep 4, 2013 at 11:15 AM, Al Waschka <awaschka@...> wrote:

> **
>
>
> **
> Just what I have noticed....I did the reverse of you. My 706 failed and I
> bought a MkII to replace it.
>
> 1. As you have noticed, the RIT knob acts as a memory selector in memory
> mode when enabled as such in the setup menus.
> 2. Option to instal the DSP module to get noise reduction and automatic
> notch filter. Automatic notch works great, noise reduction is only so-so
> and reduces audio level when enabled.
> 3. Compressor, if on in HF, is off in VHF.
>
> I'm sure there is more, but I haven't run across it yet.
>
> Al K5TAN
>
>
> ------------------------------
> *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On Behalf
> Of *radiow4ron
> *Sent:* Wednesday, September 04, 2013 12:02 PM
> *To:* ic706@yahoogroups.com
> *Subject:* [ic706] 706 & 706mk2 differences
>
>
>
> I wonder if someone can tell me the differences between the
> original 706 and the 706mk2?
> I bought a 706 at the Shelby hamfest Saturday to go in my my
> car for HF mobile, I have a Mk2 in the shack and love it,
> I'm just wondering what the main differences between them are?

> The first thing I notice is the location of the memory selector
> switch not being the same, what else is different?
>
> Thanks a bunch.
>
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date: 09/04/13
>
>
>

# 20736. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 17:57:15 UTC
From: LARRY J. FORD
Topic: 20733  Message: 20736

John,

Good list!

In addition to what you have mentioned, with a 706MKII and an AH-4 auto tuner, you can tune a 6-meter frequency because the 706MKII has the required firmware to control the AH-4 on 6 meters embedded in the microprocessor.

The 706 does not, therefore you can't tune on 6 meters with the AH-4.

Seems like there was something else, but can't remember it now.

I have a 706MKII that I run mobile and an "original" 706 that I use as a back-up HF in the shack, so perhaps that additional difference will reveal itself sooner or later!

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Wed, 04 Sep 2013 01:44:47 PM EDT
From: John Geiger <af5cc@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 & 706mk2 differences

> I was thinking of these very same differences just last night. I have had
> both radios and both are very pretty good performers for their respective
> prices, and a lot of fun to use. Here are the differences I came up with:
>
> 1. The original has 1 filter slot, the MKII has two filter slots.
>
> 2. The MKII can be fitted with the UT-106 DSP module (later models came
> with it as standard. Icom referred to these radios as the 706MKII-15 in
> their literature at the time). The original cannot be fitted with the DSP
> board.
>
> 3. The original puts out 10 watts on 2m, the MKII puts out 20 watts.
>
> 4. The MKII has dedicated up/down band buttons. The original uses these
> buttons to select the memory channel. You have to change bands using the TS
> button and the main dial.
>
> 5. The MKII has both RTTY and RTTY-R as selectable modes. The original
> only has RTTY. On the original, you get to RTTY by pressing and holding
> the mode button when in AM mode. On the MKII, pressing and holding the
> mode button toggles between AM, FM and WFM modes.
>

> 6. On the MKII, preamp or attenuator settings are stored by band, meaning
> you can turn on the preamp when on 10m and turn it off for 20m, and next
> time you go from 10m (preamp on) to 20m, the preamp will be off. On the
> original, it did not do this. If you turn the preamp on and switch bands,
> the preamp will stay on. Same for the attenuator settings.
>
> 7. On the MKII when running split, you can have the VFOs set for different
> filter settings. For example, when chasing DX on CW, you might have VFO A
> as the receive VFO, and set to 500hz to best hear the DX. VFO B is the
> transmit VFO, but you can turn off the CW filter so when you use the XFC
> button to find the station the DX is working, you have a wider bandwidth to
> listen around with. On the original, both VFOs have to use the same filter
> setting, even with running split frequency.
>
> 8. The MKII will let you operate split between 2 different bands. This
> would be useful for working Oscar 7 when it is in Mode A (2m up, 10m
> down). The original won't let you do this. I still made a few Mode A QSOs
> but had to manually switch between VFOs.
>
> 9. The MKII is more sensitive with the preamp off. However, I though the
> original was about the right sensitivity on the lower bands with the preamp
> off.
>
> 10. The MKII has better sensitivity outside the 2m band for public
> service frequencies. You had to clip a wire in the original to increase
> the sensitivity in these areas.
>
> 11. The fan runs all of the time on the 706 original (a good thing),
> whereas the fan only runs during transmit or when the radio reaches a
> certain temperature on the MKII, unless you do a mod.
>
> 12. The original has more heatsink material on the back of the radio.
>
> 13. The MKII is supposed to have a larger speaker and better audio output
> (according to QST). I never noticed a problem with the audio output on the
> original.
>
> That is what I can think of right now. There are probably a couple of
> other differences I have forgotten about.
>
> 73 John AF5CC
>
>
> On Wed, Sep 4, 2013 at 11:15 AM, Al Waschka <awaschka@...> wrote:
>
> > **
> > >
> > >
> > > **
> > > Just what I have noticed....I did the reverse of you. My 706 failed and

I
> > bought a MkII to replace it.
> >
> > 1. As you have noticed, the RIT knob acts as a memory selector in memory
> > mode when enabled as such in the setup menus.
> > 2. Option to instal the DSP module to get noise reduction and automatic
> > notch filter. Automatic notch works great, noise reduction is only so-so
> > and reduces audio level when enabled.
> > 3. Compressor, if on in HF, is off in VHF.
> >
> > I'm sure there is more, but I haven't run across it yet.
> >
> > Al K5TAN
> >
> >
> > ------------------------------
> > *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On Behalf
> > Of *radiow4ron
> > *Sent:* Wednesday, September 04, 2013 12:02 PM
> > *To:* ic706@yahoogroups.com
> > *Subject:* [ic706] 706 & 706mk2 differences
> >
> >
> >
> > I wonder if someone can tell me the differences between the
> > original 706 and the 706mk2?
> > I bought a 706 at the Shelby hamfest Saturday to go in my my
> > car for HF mobile, I have a Mk2 in the shack and love it,
> > I'm just wondering what the main differences between them are?
> > The first thing I notice is the location of the memory selector
> > switch not being the same, what else is different?
> >
> > Thanks a bunch.
> >
> >
> > --
> > 73, RON w4ron
> > http://radioheaven.homestead.com/menu.html
> >
> > My YouTUBE channel
> > http://www.youtube.com/user/w4ron
> >
> >
> > ------------------------------
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com
> > Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date: 09/04/13
> >
> >

> >
>

# 20737. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 18:00:20 UTC
From: Eric Mynes
Topic: 20733  Message: 20737

The 706MKII has 100w out on 6m whereas, the 706 (original) doesn't do that much. That was the deciding factor I used when I bought my 706MKII.

73,
Eric
k8ohz

On Wed, Sep 4, 2013 at 1:57 PM, LARRY J. FORD <lford@...> wrote:

> **
>
>
> John,
>
> Good list!
>
> In addition to what you have mentioned, with a 706MKII and an AH-4 auto
> tuner,
> you can tune a 6-meter frequency because the 706MKII has the required
> firmware
> to control the AH-4 on 6 meters embedded in the microprocessor.
>
> The 706 does not, therefore you can't tune on 6 meters with the AH-4.
>
> Seems like there was something else, but can't remember it now.
>
> I have a 706MKII that I run mobile and an "original" 706 that I use as a
> back-up HF in the shack, so perhaps that additional difference will reveal
> itself sooner or later!
>
> Larry J. Ford
> K4AEC (ex KG4GPJ)
>
>
>
> ------ Original Message ------
> Received: Wed, 04 Sep 2013 01:44:47 PM EDT
> From: John Geiger <af5cc@fidmail.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] 706 & 706mk2 differences
>
> > I was thinking of these very same differences just last night. I have had
> > both radios and both are very pretty good performers for their respective
> > prices, and a lot of fun to use. Here are the differences I came up with:
> >
> > 1. The original has 1 filter slot, the MKII has two filter slots.

> >
> > 2. The MKII can be fitted with the UT-106 DSP module (later models came
> > with it as standard. Icom referred to these radios as the 706MKII-15 in
> > their literature at the time). The original cannot be fitted with the DSP
> > board.
> >
> > 3. The original puts out 10 watts on 2m, the MKII puts out 20 watts.
> >
> > 4. The MKII has dedicated up/down band buttons. The original uses these
> > buttons to select the memory channel. You have to change bands using the
> TS
> > button and the main dial.
> >
> > 5. The MKII has both RTTY and RTTY-R as selectable modes. The original
> > only has RTTY. On the original, you get to RTTY by pressing and holding
> > the mode button when in AM mode. On the MKII, pressing and holding the
> > mode button toggles between AM, FM and WFM modes.
> >
> > 6. On the MKII, preamp or attenuator settings are stored by band, meaning
> > you can turn on the preamp when on 10m and turn it off for 20m, and next
> > time you go from 10m (preamp on) to 20m, the preamp will be off. On the
> > original, it did not do this. If you turn the preamp on and switch bands,
> > the preamp will stay on. Same for the attenuator settings.
> >
> > 7. On the MKII when running split, you can have the VFOs set for
> different
> > filter settings. For example, when chasing DX on CW, you might have VFO A
> > as the receive VFO, and set to 500hz to best hear the DX. VFO B is the
> > transmit VFO, but you can turn off the CW filter so when you use the XFC
> > button to find the station the DX is working, you have a wider bandwidth
> to
> > listen around with. On the original, both VFOs have to use the same
> filter
> > setting, even with running split frequency.
> >
> > 8. The MKII will let you operate split between 2 different bands. This
> > would be useful for working Oscar 7 when it is in Mode A (2m up, 10m
> > down). The original won't let you do this. I still made a few Mode A QSOs
> > but had to manually switch between VFOs.
> >
> > 9. The MKII is more sensitive with the preamp off. However, I though the
> > original was about the right sensitivity on the lower bands with the
> preamp
> > off.
> >
> > 10. The MKII has better sensitivity outside the 2m band for public
> > service frequencies. You had to clip a wire in the original to increase
> > the sensitivity in these areas.
> >
> > 11. The fan runs all of the time on the 706 original (a good thing),

> > whereas the fan only runs during transmit or when the radio reaches a
> > certain temperature on the MKII, unless you do a mod.
> >
> > 12. The original has more heatsink material on the back of the radio.
> >
> > 13. The MKII is supposed to have a larger speaker and better audio output
> > (according to QST). I never noticed a problem with the audio output on
> the
> > original.
> >
> > That is what I can think of right now. There are probably a couple of
> > other differences I have forgotten about.
> >
> > 73 John AF5CC
> >
> >
> > On Wed, Sep 4, 2013 at 11:15 AM, Al Waschka <awaschka@...>
> wrote:
> >
> > > **
> > >
> > >
> > > **
>
> > > Just what I have noticed....I did the reverse of you. My 706 failed and
> I
> > > bought a MkII to replace it.
> > >
> > > 1. As you have noticed, the RIT knob acts as a memory selector in
> memory
> > > mode when enabled as such in the setup menus.
> > > 2. Option to instal the DSP module to get noise reduction and automatic
> > > notch filter. Automatic notch works great, noise reduction is only
> so-so
> > > and reduces audio level when enabled.
> > > 3. Compressor, if on in HF, is off in VHF.
> > >
> > > I'm sure there is more, but I haven't run across it yet.
> > >
> > > Al K5TAN
> > >
> > >
> > > ------------------------------
> > > *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On
> Behalf
> > > Of *radiow4ron
> > > *Sent:* Wednesday, September 04, 2013 12:02 PM
> > > *To:* ic706@yahoogroups.com
> > > *Subject:* [ic706] 706 & 706mk2 differences
> >

> > >
> > >
> > >
> > > I wonder if someone can tell me the differences between the
> > > original 706 and the 706mk2?
> > > I bought a 706 at the Shelby hamfest Saturday to go in my my
> > > car for HF mobile, I have a Mk2 in the shack and love it,
> > > I'm just wondering what the main differences between them are?
> > > The first thing I notice is the location of the memory selector
> > > switch not being the same, what else is different?
> > >
> > > Thanks a bunch.
> > >
> > >
> > > --
> > > 73, RON w4ron
> > > http://radioheaven.homestead.com/menu.html
> > >
> > > My YouTUBE channel
> > > http://www.youtube.com/user/w4ron
> > >
> > >
> > > ------------------------------
>
> > >
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com
> > > Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date:
> 09/04/13
> > >
> > >
> > >
> >
>
>
>

--
A wise man once said nothing.

# 20738. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 18:02:37 UTC
From: LARRY J. FORD
Topic: 20733  Message: 20738

If it were me, I'd swap the two (I run a 706MKII mobile with an original 706 in the shack for back-up to my 7200), especially if the MKII has the DSP module installed.

Although it's AF DSP, and not IF DSP (like on the 7200 and above), it's better than nothing and the auto notch filter actually works OK.

The AF DSP module cannot be installed on the original 706, so I've used the stand-alone JPS NIR-12 AF DSP unit with the 706 in the shack, which would be a little bulky for mobile use.

Just my .02 worth, YMMV.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Wed, 04 Sep 2013 12:02:08 PM EDT
From: "radiow4ron" <W4RON@...>
To: ic706@yahoogroups.com
Subject: [ic706] 706 & 706mk2 differences

> I wonder if someone can tell me the differences between the
> original 706 and the 706mk2?
> I bought a 706 at the Shelby hamfest Saturday to go in my my
> car for HF mobile, I have a Mk2 in the shack and love it,
> I'm just wondering what the main differences between them are?
> The first thing I notice is the location of the memory selector
> switch not being the same, what else is different?
>
> Thanks a bunch.
>
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>
>

# 20739. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 18:28:07 UTC
From: John Geiger
Topic: 20733  Message: 20739

I have never had any problem getting 100 watts out on 6m with the 706
original I had.

73 John AF5CC

On Wed, Sep 4, 2013 at 1:00 PM, Eric Mynes <kc8wzb@...> wrote:

> **
>
>
> The 706MKII has 100w out on 6m whereas, the 706 (original) doesn't do that
> much. That was the deciding factor I used when I bought my 706MKII.
>
> 73,
> Eric
> k8ohz
>
>
> On Wed, Sep 4, 2013 at 1:57 PM, LARRY J. FORD <lford@...> wrote:
>
>> **
>>
>>
>> John,
>>
>> Good list!
>>
>> In addition to what you have mentioned, with a 706MKII and an AH-4 auto
>> tuner,
>> you can tune a 6-meter frequency because the 706MKII has the required
>> firmware
>> to control the AH-4 on 6 meters embedded in the microprocessor.
>>
>> The 706 does not, therefore you can't tune on 6 meters with the AH-4.
>>
>> Seems like there was something else, but can't remember it now.
>>
>> I have a 706MKII that I run mobile and an "original" 706 that I use as a
>> back-up HF in the shack, so perhaps that additional difference will reveal
>> itself sooner or later!
>>
>> Larry J. Ford
>> K4AEC (ex KG4GPJ)
>>
>>
>>

>> ------ Original Message ------
>> Received: Wed, 04 Sep 2013 01:44:47 PM EDT
>> From: John Geiger <af5cc@fidmail.com>
>> To: ic706@yahoogroups.com
>> Subject: Re: [ic706] 706 & 706mk2 differences
>>
>> > I was thinking of these very same differences just last night. I have
>> had
>> > both radios and both are very pretty good performers for their
>> respective
>> > prices, and a lot of fun to use. Here are the differences I came up
>> with:
>> >
>> > 1. The original has 1 filter slot, the MKII has two filter slots.
>> >
>> > 2. The MKII can be fitted with the UT-106 DSP module (later models came
>> > with it as standard. Icom referred to these radios as the 706MKII-15 in
>> > their literature at the time). The original cannot be fitted with the
>> DSP
>> > board.
>> >
>> > 3. The original puts out 10 watts on 2m, the MKII puts out 20 watts.
>> >
>> > 4. The MKII has dedicated up/down band buttons. The original uses these
>> > buttons to select the memory channel. You have to change bands using
>> the TS
>> > button and the main dial.
>> >
>> > 5. The MKII has both RTTY and RTTY-R as selectable modes. The original
>> > only has RTTY. On the original, you get to RTTY by pressing and holding
>> > the mode button when in AM mode. On the MKII, pressing and holding the
>> > mode button toggles between AM, FM and WFM modes.
>> >
>> > 6. On the MKII, preamp or attenuator settings are stored by band,
>> meaning
>> > you can turn on the preamp when on 10m and turn it off for 20m, and next
>> > time you go from 10m (preamp on) to 20m, the preamp will be off. On the
>> > original, it did not do this. If you turn the preamp on and switch
>> bands,
>> > the preamp will stay on. Same for the attenuator settings.
>> >
>> > 7. On the MKII when running split, you can have the VFOs set for
>> different
>> > filter settings. For example, when chasing DX on CW, you might have VFO
>> A
>> > as the receive VFO, and set to 500hz to best hear the DX. VFO B is the
>> > transmit VFO, but you can turn off the CW filter so when you use the XFC
>> > button to find the station the DX is working, you have a wider
>> bandwidth to
>> > listen around with. On the original, both VFOs have to use the same

>> filter
>> > setting, even with running split frequency.
>> >
>> > 8. The MKII will let you operate split between 2 different bands. This
>> > would be useful for working Oscar 7 when it is in Mode A (2m up, 10m
>> > down). The original won't let you do this. I still made a few Mode A
>> QSOs
>> > but had to manually switch between VFOs.
>> >
>> > 9. The MKII is more sensitive with the preamp off. However, I though the
>> > original was about the right sensitivity on the lower bands with the
>> preamp
>> > off.
>> >
>> > 10. The MKII has better sensitivity outside the 2m band for public
>> > service frequencies. You had to clip a wire in the original to increase
>> > the sensitivity in these areas.
>> >
>> > 11. The fan runs all of the time on the 706 original (a good thing),
>> > whereas the fan only runs during transmit or when the radio reaches a
>> > certain temperature on the MKII, unless you do a mod.
>> >
>> > 12. The original has more heatsink material on the back of the radio.
>> >
>> > 13. The MKII is supposed to have a larger speaker and better audio
>> output
>> > (according to QST). I never noticed a problem with the audio output on
>> the
>> > original.
>> >
>> > That is what I can think of right now. There are probably a couple of
>> > other differences I have forgotten about.
>> >
>> > 73 John AF5CC
>> >
>> >
>> > On Wed, Sep 4, 2013 at 11:15 AM, Al Waschka <awaschka@...>
>> wrote:
>> >
>> > > **
>> > >
>> > >
>> > > **
>> >
>> > > Just what I have noticed....I did the reverse of you. My 706 failed
>> and
>> I
>> > > bought a MkII to replace it.
>> > >
>> > > 1. As you have noticed, the RIT knob acts as a memory selector in

>> memory
>> > > mode when enabled as such in the setup menus.
>> > > 2. Option to instal the DSP module to get noise reduction and
>> automatic
>> > > notch filter. Automatic notch works great, noise reduction is only
>> so-so
>> > > and reduces audio level when enabled.
>> > > 3. Compressor, if on in HF, is off in VHF.
>> > >
>> > > I'm sure there is more, but I haven't run across it yet.
>> > >
>> > > Al K5TAN
>> > >
>> > >
>> > > ------------------------------
>> > > *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On
>> Behalf
>> > > Of *radiow4ron
>> > > *Sent:* Wednesday, September 04, 2013 12:02 PM
>> > > *To:* ic706@yahoogroups.com
>> > > *Subject:* [ic706] 706 & 706mk2 differences
>>
>> > >
>> > >
>> > >
>> > > I wonder if someone can tell me the differences between the
>> > > original 706 and the 706mk2?
>> > > I bought a 706 at the Shelby hamfest Saturday to go in my my
>> > > car for HF mobile, I have a Mk2 in the shack and love it,
>> > > I'm just wondering what the main differences between them are?
>> > > The first thing I notice is the location of the memory selector
>> > > switch not being the same, what else is different?
>> > >
>> > > Thanks a bunch.
>> > >
>> > >
>> > > --
>> > > 73, RON w4ron
>> > > http://radioheaven.homestead.com/menu.html
>> > >
>> > > My YouTUBE channel
>> > > http://www.youtube.com/user/w4ron
>> > >
>> > >
>> > > ------------------------------
>>
>> > >
>> > > No virus found in this message.
>> > > Checked by AVG - www.avg.com
>> > > Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date:

>> 09/04/13
>> > >
>> > >
>> > >
>> >
>>
>>
>
>
> --
> A wise man once said nothing.
>
>
>

# 20740. 706 Receiver on Public Service Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 21:29:22 UTC
From: David Stinson
Topic: 20733  Message: 20740

Where can I find the mod that opens the original 706 receiver
for better reception on the public service bands?

# 20741. RE: [ic706] 706 Receiver on Public Service Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 21:43:06 UTC
From: Al Waschka
Topic: 20733  Message: 20741

There are several mods. One is just a wire cut. The out-of-band sensitivity on that one is not very good. I had to be within a 1/2 mile of my local weather station to hear it.

The one you want is
http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=all.htm#235

Al K5TAN

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of David Stinson
Sent: Wednesday, September 04, 2013 5:29 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 Receiver on Public Service Band

Where can I find the mod that opens the original 706 receiver for better reception on the public service bands?

---

Yahoo! Groups Links

---
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date: 09/04/13

# 20742. Re: [ic706] 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 22:20:13 UTC
From: Ralph Mowery
Topic: 20733  Message: 20742

The specs is 100  watts except 40 watts AM for all bands excpet 2 meters where it is 10 watts and 4 am for the origional or first version of the 706.

Later versions bumped up the 2 meter power  and then added then 440 mhz band on the llG.

>_____
>From: John Geiger <af5cc@...>
>To: ic706@yahoogroups.com
>Sent: Wednesday, September 4, 2013 2:28 PM
>Subject: Re: [ic706] 706 & 706mk2 differences
>
>
>
>
>
>
>I have never had any problem getting 100 watts out on 6m with the 706 original I had.
>
>73 John AF5CC
>
>
>
>On Wed, Sep 4, 2013 at 1:00 PM, Eric Mynes <kc8wzb@...> wrote:
>
>
>>The 706MKII has 100w out on 6m whereas, the 706 (original) doesn't do that much.  That was the deciding factor I used when I bought my 706MKII.
>>
>>73,
>>Eric
>>k8ohz
>>

# 20743. Re: [ic706] 706 Receiver on Public Service Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-04 23:14:42 UTC
From: David Stinson
Topic: 20733  Message: 20743

Thanks, Al!

----- Original Message -----
From: "Al Waschka" <awaschka@...>

> The one you want is
> http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=all.htm#235

# 20744. Re: [ic706] 706 Receiver on Public Service Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-05 10:49:16 UTC
From: Joe Isabella
Topic: 20733  Message: 20744

When I had my original 706, I did the mod where you remove a cap & stack it on top of another one.  REALLY did a good job for receiving NOAA, marine freqs, etc. above the 2m band.

Joe, N3JI

---
From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Wednesday, September 4, 2013 4:43 PM
Subject: RE: [ic706] 706 Receiver on Public Service Band

There are several mods. One is just a wire cut. The out-of-band sensitivity on that one is not very good. I had to be within a 1/2 mile of my local weather station to hear it.

The one you want is
http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=all.htm#235

Al K5TAN

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of David Stinson
Sent: Wednesday, September 04, 2013 5:29 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 Receiver on Public Service Band

Where can I find the mod that opens the original 706 receiver for better reception on the public service bands?

---

Yahoo! Groups Links

---
No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6638 - Release Date: 09/04/13

# 20745. Re: 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-05 11:59:31 UTC
From: Dallas Vanselow KC8HQS
Topic: 20745  Message: 20745
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

# 20746. Re: [ic706] Re: 706 & 706mk2 differences

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-05 19:00:00 UTC
From: LARRY J. FORD
Topic: 20733  Message: 20746

I have an original 706. The Service Manual specs for HF/50 MHz are:

"SSB, CW, FM, RTTY 5 - 100 W
AM 2- 40 W"

Sounds like someone read the manual wrong, or forgot what mode they were in when they checked the wattmeter!

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Thu, 05 Sep 2013 07:59:45 AM EDT
From: "Dallas Vanselow KC8HQS" <kc8hqs@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706 & 706mk2 differences

> Someone mentioned the original 706 doesn't do 100 watts on 6 meters... It says that it does in the manual... I haven't put a meter on mine lately but I'm pretty sure mine does 100 watts on 6. Can someone confirm this?
>
> 73,
>
> Dale KC8HQS
>
>
> Sent via HTC One S Powered by Cincinnati Bell Wireless
>

# 20747. Re: [ic706] 706 Receiver on Public Service Band

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-05 19:32:09 UTC
From: David Stinson
Topic: 20733  Message: 20747

----- Original Message -----
From: "Joe Isabella" <n3ji@...>

When I had my original 706, I did the mod where you remove a cap & stack it
on top of another one....
----------

Details please, Joe?

# 20748. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-11 18:59:50 UTC
From: steve schumm
Topic: 20722  Message: 20748

Hi Larry- What is meany by legal purposes at 6.9XX MHZ- My IC-706MK11G has a transmit range down to 6.9XX Mhz and it came that way--73-Steve

---
From: LARRY J. FORD <lford@...>
To: ic706@yahoogroups.com
Sent: Saturday, August 24, 2013 11:57 AM
Subject: Re: [ic706] mobile antenna needed

I can also vouch to better than expected results with the 40-meter "Hamstick" which I have on a Hustler stainless steel spring mounted on a Diamond K-400 mount attached about half-way up the rear hatch door on my 2011 Honda CR-V.

I'm feeding it with an IC-706MKII mounted in the MFJ-706 EMCOMM box strapped in the rear cargo area right next to the hatch door. The autotuner built into the MFJ-706 EMCOMM box gives a surprising range of matches from 6.9xx MHz (for non-amateur, but still "legal" purposes) to 7.3xx MHz (ditto). It also does a fine job on the mobile 40 meter Nets between 7.251 and 7.258.

I have also had similar success with the 40 meter Hustler resonator mounted on a 57-inch Hustler folding mast on the CR-V, with the same set-up, but the Hamstick offers less wind resistance and, frankly, "looks" better mounted on the back of the car.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Sat, 24 Aug 2013 07:40:54 AM EDT
From: James Stafford <mailto:aj5bs%40att.net>
To: "mailto:ic706%40yahoogroups.com" <mailto:ic706%40yahoogroups.com>
Subject: Re: [ic706] mobile antenna needed

> These are Jetstream and MFJ single band antennas. I use a 40m Hamstick on my vehicle and it works great. Have not had much luck with the 75-80m version - probably due to the location of the antenna - right behind the tailgate of my SUV.
>
> James B Stafford
>
>
> ---
> From: "mailto:donaldorting%40aol.com" <mailto:donaldorting%40aol.com>
> To: mailto:ic706%40yahoogroups.com
> Sent: Friday, August 23, 2013 4:34 PM
> Subject: Re: [ic706] mobile antenna needed
>

>
>
>
> are you talking about the G4-160?
> james?
> -----Original Message-----
> From: James Stafford <mailto:aj5bs%40att.net>
> To: ic706 <mailto:ic706%40yahoogroups.com>
> Sent: Fri, Aug 23, 2013 2:10 pm
> Subject: Re: [ic706] mobile antenna needed
>
> Giga-Parts has a number these antennas on their website for about $15.00
each.
>
> James B Stafford
>
>
> _____
> From: w5sum <mailto:w5sum%40comcast.net>
> To: mailto:ic706%40yahoogroups.com
> Sent: Friday, August 23, 2013 10:17 AM
> Subject: [ic706] mobile antenna needed
>
>
>
> 80 and 40M mobile antenna's needed, anyone have a used one they will part
with? Hamstick, Hustler, etc..
> ----- Original Message -----
> From: Ralph Mowery
> To: mailto:ic706%40yahoogroups.com
> Sent: Friday, August 23, 2013 10:00 AM
> Subject: Re: [ic706] no power output on uhf fm mode
>
> There is a small varitable capacitor that has been known to give problems.
It may not be soldered in correctly or it may just need adjustment. Go to
> www.mods.dk
>
> The capacitor is for the FM VCO.
> From what I have read, it only effects the FM transmitt.
> There is a photo of where this is at on the web site. Here is a copy and
past of what needs to be done.
>
> Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
> 2. Using a Phillips-head driver remove top cover only.
> 3. With radio upright & front facing towards you (ie; normal operating
position) the MAIN Unit PBA is the front board.
> 4. Locate the 9.0115 MHz IF filter and then C267 (identified on silkscreen)
9mm to the right of the filter.
> 5. Using fresh solder, carefully re-touch up solder joints to both pins of
the trimmer cap.

> The filter side is difficult to solder due to nearby capacitors and the fact that the ground plane will sink a lot of heat.This is the pin that is usually not soldered properly ex the factory.6. Inspect solder joints carefully, particularly the ground plane side.
> 7. Re-connect DC Power lead.
> 8. Connect Dummy Load via a PWR meter.
> 9. Turn the transceiver on, select FM mode, and select a convenient test frequency, ie; 29.6MHz.
> 10. Confirm TX carrier frequency is correct against Frequency Counter (or another receiver).
> 11. Check Power O/P is appropriate to the PWR setting in the menu.
> 12. If all ok, turn off and replace the top cover.
> It is most unlikely you will need to tweak C267.
> The setting should still be correct, otherwise alignment is not that critical, just set it for centre of lock range.
> Needless to
>
> >_____
> >From: mikemosier2000 <mailto:mikemosier%40zianet.com>;
> >To: mailto:ic706%40yahoogroups.com
> >Sent: Thursday, August 22, 2013 7:13 PM
> >Subject: [ic706] no power output on uhf fm mode
> >
> >
> >I found that I have power output in usb, cw, but no power out in fm or fm t mode.
> >Swr looks fine. Has anyone experienced this problem?
> >This is the reason I can't hit the local repeaters, but can receive them with no problem.
> >Any ideas are welcome.
> >Mike Mosier
> >
> >
> >and look around for either the no fm transmitt fix or maybe a file that has all the Icom mods in it.
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

# 20749. Re: [ic706] mobile antenna needed

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-11 20:39:33 UTC
From: LARRY J. FORD
Topic: 20722  Message: 20749

I have replied to the poster privately.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Wed, 11 Sep 2013 03:37:47 PM EDT
From: steve schumm <wb2oee@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] mobile antenna needed

> Hi Larry- What is meany by legal purposes at 6.9XX MHZ- My IC-706MK11G has a
transmit range down to 6.9XX Mhz and it came that way--73-Steve
>
>
>
> _____
> From: LARRY J. FORD <lford@...>
> To: ic706@yahoogroups.com
> Sent: Saturday, August 24, 2013 11:57 AM
> Subject: Re: [ic706] mobile antenna needed
>
>
> I can also vouch to better than expected results with the 40-meter
"Hamstick"
> which I have on a Hustler stainless steel spring mounted on a Diamond K-400
> mount attached about half-way up the rear hatch door on my 2011 Honda CR-V.
>
> I'm feeding it with an IC-706MKII mounted in the MFJ-706 EMCOMM box
strapped
> in the rear cargo area right next to the hatch door. The autotuner built
into
> the MFJ-706 EMCOMM box gives a surprising range of matches from 6.9xx MHz
(for
> non-amateur, but still "legal" purposes) to 7.3xx MHz (ditto). It also does
a
> fine job on the mobile 40 meter Nets between 7.251 and 7.258.
>
> I have also had similar success with the 40 meter Hustler resonator mounted
on
> a 57-inch Hustler folding mast on the CR-V, with the same set-up, but the
> Hamstick offers less wind resistance and, frankly, "looks" better mounted
on
> the back of the car.
>
> Larry J. Ford

> K4AEC (ex KG4GPJ)
>
>
> ------ Original Message ------
> Received: Sat, 24 Aug 2013 07:40:54 AM EDT
> From: James Stafford <mailto:aj5bs%40att.net>
> To: "mailto:ic706%40yahoogroups.com" <mailto:ic706%40yahoogroups.com>
> Subject: Re: [ic706] mobile antenna needed
>
> > These are Jetstream and MFJ single band antennas. I use a 40m Hamstick on
my
> vehicle and it works great. Have not had much luck with the 75-80m version
-
> probably due to the location of the antenna - right behind the tailgate of
my
> SUV.
> >
> > James B Stafford
> >
> >
> > _____
> > From: "mailto:donaldorting%40aol.com" <mailto:donaldorting%40aol.com>
> > To: mailto:ic706%40yahoogroups.com
> > Sent: Friday, August 23, 2013 4:34 PM
> > Subject: Re: [ic706] mobile antenna needed
> >
> >
> >
> >
> > are you talking about the G4-160?
> > james?
> > -----Original Message-----
> > From: James Stafford <mailto:aj5bs%40att.net>
> > To: ic706 <mailto:ic706%40yahoogroups.com>
> > Sent: Fri, Aug 23, 2013 2:10 pm
> > Subject: Re: [ic706] mobile antenna needed
> >
> > Giga-Parts has a number these antennas on their website for about $15.00
> each.
> >
> > James B Stafford
> >
> >
> > _____
> > From: w5sum <mailto:w5sum%40comcast.net>
> > To: mailto:ic706%40yahoogroups.com
> > Sent: Friday, August 23, 2013 10:17 AM
> > Subject: [ic706] mobile antenna needed
> >
> >

> >
> > 80 and 40M mobile antenna's needed, anyone have a used one they will part
> with? Hamstick, Hustler, etc..
> > ----- Original Message -----
> > From: Ralph Mowery
> > To: mailto:ic706%40yahoogroups.com
> > Sent: Friday, August 23, 2013 10:00 AM
> > Subject: Re: [ic706] no power output on uhf fm mode
> >
> > There is a small varitable capacitor that has been known to give
problems.
> It may not be soldered in correctly or it may just need adjustment. Go to
> > www.mods.dk
> >
> > The capacitor is for the FM VCO.
> > From what I have read, it only effects the FM transmitt.
> > There is a photo of where this is at on the web site. Here is a copy and
> past of what needs to be done.
> >
> > Procedure;1. Turn transceiver off and disconnect all leads. (Obvious?)
> > 2. Using a Phillips-head driver remove top cover only.
> > 3. With radio upright & front facing towards you (ie; normal operating
> position) the MAIN Unit PBA is the front board.
> > 4. Locate the 9.0115 MHz IF filter and then C267 (identified on
silkscreen)
> 9mm to the right of the filter.
> > 5. Using fresh solder, carefully re-touch up solder joints to both pins
of
> the trimmer cap.
> > The filter side is difficult to solder due to nearby capacitors and the
fact
> that the ground plane will sink a lot of heat.This is the pin that is
usually
> not soldered properly ex the factory.6. Inspect solder joints carefully,
> particularly the ground plane side.
> > 7. Re-connect DC Power lead.
> > 8. Connect Dummy Load via a PWR meter.
> > 9. Turn the transceiver on, select FM mode, and select a convenient test
> frequency, ie; 29.6MHz.
> > 10. Confirm TX carrier frequency is correct against Frequency Counter (or
> another receiver).
> > 11. Check Power O/P is appropriate to the PWR setting in the menu.
> > 12. If all ok, turn off and replace the top cover.
> > It is most unlikely you will need to tweak C267.
> > The setting should still be correct, otherwise alignment is not that
> critical, just set it for centre of lock range.
> > Needless to
> >
> > >_____
> > >From: mikemosier2000 <mailto:mikemosier%40zianet.com>;

> > >To: mailto:ic706%40yahoogroups.com
> > >Sent: Thursday, August 22, 2013 7:13 PM
> > >Subject: [ic706] no power output on uhf fm mode
> > >
> > >
> > >I found that I have power output in usb, cw, but no power out in fm or fm
t
> mode.
> > >Swr looks fine. Has anyone experienced this problem?
> > >This is the reason I can't hit the local repeaters, but can receive them
> with no problem.
> > >Any ideas are welcome.
> > >Mike Mosier
> > >
> > >
> > >and look around for either the no fm transmitt fix or maybe a file that
has
> all the Icom mods in it.
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
>
>
>

# 20750. Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-14 15:54:34 UTC
From: Al Waschka
Topic: 20733  Message: 20750

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

# 20751. FL-94 & FL-23 center Frequency?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-15 06:53:41 UTC
From: <john37537@...>
Topic: 20751  Message: 20751

Can someone tell me the center frequency of the FL-94 (FI681) and the FL-23 (FI561) crystal filters in this 706mk2G?
I need to order and replace them because they rusted away due to someone spilt soda in the radio. Icom said they are discontinued items.
The FL-272 (FI671) is the SSB filter and it is marked 9.0115MHz, (2.4KHz/-6db).
I've discovered the FL-94 has poles at (8KHz/-6db) and the FL-23 has poles at (15KHz/-6db) but I need to know their center frequencies!
Anyone?
Thanks, John

# 20752. RE: FL-94 & FL-23 center Frequency?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-15 14:01:46 UTC
From: <voip10@...>
Topic: 20751  Message: 20752

FI561 (FL-23) is shown on the service manual as centred on 9.0115MHz and used as a bandpass filter for the 2nd mixer circuit. Downstream of this are FI671, which you identify as 9.0115MHz, and used for SSB and CW. FI681 is in a similar position, in terms of signal path, to FI671, and is used for AM and FM-N. The 2nd IF for AM and FM-N is given as 9.0100MHz so FI681 might well be centred on 9.0100MHz. They're also given as part numbers 9M8A and 9M15A, respectively. A pair of these filters were recently sold on eBay.

http://www.ebay.com/itm/Icom-FL-23-and-FL-94-Filters-9-MHz-IF-Two-Filters-/160918929739

--- In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

Can someone tell me the center frequency of the FL-94 (FI681) and the FL-23 (FI561) crystal filters in this 706mk2G?
I need to order and replace them because they rusted away due to someone spilt soda in the radio. Icom said they are discontinued items.
The FL-272 (FI671) is the SSB filter and it is marked 9.0115MHz, (2.4KHz/-6db).
I've discovered the FL-94 has poles at (8KHz/-6db) and the FL-23 has poles at (15KHz/-6db) but I need to know their center frequencies!
Anyone?
Thanks, John

# 20753. RE: RE: FL-94 & FL-23 center Frequency?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-16 07:35:18 UTC
From: <john37537@...>
Topic: 20751  Message: 20753

voip10,
Thanks for your reply!
I saw that expired Ebay add. Would like to have got it. But I'm too late. That add is where I learned the slope of the two filters, but they never did mention the center frequency for each. They just said 9MHz.
Since Icom tells me they've discontinued them, so I need to order them elsewhere. I'm sure I'll need to know the center freq, slope, perhaps impeadance for the order.
So you think FL-23 is 9.0115MHz and FL-94 is 9.0100MHz ?

I'll go with that unless someone else knows otherwise?

Thanks again, 73,
John

--- In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

FI561 (FL-23) is shown on the service manual as centred on 9.0115MHz and used as a bandpass filter for the 2nd mixer circuit. Downstream of this are FI671, which you identify as 9.0115MHz, and used for SSB and CW. FI681 is in a similar position, in terms of signal path, to FI671, and is used for AM and FM-N. The 2nd IF for AM and FM-N is given as 9.0100MHz so FI681 might well be centred on 9.0100MHz. They're also given as part numbers 9M8A and 9M15A, respectively. A pair of these filters were recently sold on eBay.

http://www.ebay.com/itm/Icom-FL-23-and-FL-94-Filters-9-MHz-IF-Two-Filters-/160918929739

--- In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

Can someone tell me the center frequency of the FL-94 (FI681) and the FL-23 (FI561) crystal filters in this 706mk2G?
I need to order and replace them because they rusted away due to someone spilt soda in the radio. Icom said they are discontinued items.
The FL-272 (FI671) is the SSB filter and it is marked 9.0115MHz, (2.4KHz/-6db).
I've discovered the FL-94 has poles at (8KHz/-6db) and the FL-23 has poles at (15KHz/-6db) but I need to know their center frequencies!
Anyone?
Thanks, John

# 20754. SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-16 17:56:53 UTC
From: rrath
Topic: 20754  Message: 20754

How accurite is the swr meter on the
706mkllg? Going mobile in the RV with
screwdriver antenna. Should I put in line an
SWR meter separate from the one built in?

Thanks.
Rod kc7vqr

# 20755. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 00:06:18 UTC
From: Vincent
Topic: 20733  Message: 20755

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version?  I am just interested in programming the radio without
the control and logging functions.  Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

---
From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I
stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories.  I think I have seem similar questions
here.  I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The
logging program YPlog has the capability to read and write memories in the 706 family of radios (among others).  There are a few subtleties I have deduced from my limited experiments.

1. The
memory data table is not editable by common techniques such as COPY, CUT, and PASTE.  You may only enter and delete data in single
fields.
2. You
can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz.  One must use 0.6 (as in MHz).
3.
YPlog can WRITE offsets to the radio but does not READ offsets from the

radio.
4.
Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The
radio indicates that a tone is loaded into all memories where FM mode is

programmed.  I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used
a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope
this is useful news.  It was for me.

Al
K5TAN

# 20756. RE: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:00:54 UTC
From: Bob Reiff
Topic: 20754  Message: 20756

Yes, I'd have a separate one. Easier to use and more accurate too IMHO.

Bob, WA8ULW

From: rrath [mailto:rrath@...]
Sent: September 16, 2013 13:57
To: ic706@yahoogroups.com
Subject: [ic706] SWR Question

How accurite is the swr meter on the
706mkllg? Going mobile in the RV with
screwdriver antenna. Should I put in line an
SWR meter separate from the one built in?

Thanks.
Rod kc7vqr

# 20757. RE: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:11:08 UTC
From: Al Waschka
Topic: 20733  Message: 20757

I don't know what you mean by the "spamware vesion". I downloaded a shareware version (from here: http://www.qsl.net/ve6yp/) that works, doesn't have ads, and my virus checker says is OK. It says you must register it to get certain functions, none of which are required to program the 706.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Vincent
Sent: Tuesday, September 17, 2013 8:06 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).

3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20758. RE: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:24:33 UTC
From: Al Waschka
Topic: 20754  Message: 20758

I use the built-in meter exclusively to tune my Tarheel. Never had a problem.

Al K5TAN

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of rrath
Sent: Monday, September 16, 2013 1:57 PM
To: ic706@yahoogroups.com
Subject: [ic706] SWR Question

How accurite is the swr meter on the 706mkllg? Going mobile in the RV with screwdriver antenna. Should I put in line an SWR meter separate from the one built in?

Thanks.
Rod kc7vqr

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20759. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:20:57 UTC
From: mikerodgerske5gbc@...
Topic: 20754  Message: 20759

It should be pretty accurate on HF only. I like a cross needle meter for tuning in the shack, haven't used a screwdriver.

73
Mike R

On Sep 16, 2013, at 12:56 PM, "rrath" <rrath@...> wrote:

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna. Should I put in line an
> SWR meter separate from the one built in?
>
> Thanks.
> Rod kc7vqr
>

# 20760. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:21:57 UTC
From: Facility 406 DM09
Topic: 20754  Message: 20760

: How accurite is the swr meter on the
: 706mkllg? Going mobile in the RV with
: screwdriver antenna. Should I put in line an
: SWR meter separate from the one built in?

Not very, and yes. I used the internal SWR meter to match a single band antenna to the center of a band. Using and external meter and antenna analyzer several years later, I found the antenna to be off about 2.5 MHz. The 706MKIIg still claimed it was perfect.

Kurt

# 20761. RE: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:52:30 UTC
From: Al Waschka
Topic: 20754  Message: 20761

Interesting....My 706 and my MFJ-259 agree closely.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Facility 406 DM09
Sent: Wednesday, September 18, 2013 12:22 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] SWR Question

: How accurite is the swr meter on the
: 706mkllg? Going mobile in the RV with
: screwdriver antenna. Should I put in line an
: SWR meter separate from the one built in?

Not very, and yes. I used the internal SWR meter to match a single band antenna to the center of a band. Using and external meter and antenna analyzer several years later, I found the antenna to be off about 2.5 MHz. The 706MKIIg still claimed it was perfect.

Kurt

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20762. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 07:43:30 UTC
From: scott
Topic: 20754  Message: 20762

I use mine routinely with an MFJ controller and an ATAS 100 and it works
well enough to get me to minimum swr with little difficulty.

Kind of surprised by the number of folks with issues about it, but it can't hurt to try it
first and see if you like it well enough.

73 Scott

Sent from my iPad

On Sep 16, 2013, at 12:56 PM, "rrath" <rrath@...> wrote:

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna. Should I put in line an
> SWR meter separate from the one built in?
>
>
> Thanks.
> Rod kc7vqr
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

# 20763. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 04:38:00 UTC
From: Vincent
Topic: 20733  Message: 20763

Thank you, I will try it out. I appreciate the info.
73,
Kevin
KA4VAS

---
From: Al Waschka <awaschka@bellsouth.net>
To: ic706@yahoogroups.com
Sent: Wednesday, September 18, 2013 12:11 AM
Subject: RE: [ic706] Programing IC-706 Memories from a PC

I don't know what you mean by the "spamware vesion".  I
downloaded a shareware version (from here: http://www.qsl.net/ve6yp/) that works,
doesn't have ads, and my virus checker says is OK.  It says you must
register it to get certain functions, none of which are required to program the
706.

Al

---
From: ic706@yahoogroups.com
[mailto:ic706@yahoogroups.com] On Behalf Of Vincent
Sent: Tuesday, September 17, 2013 8:06 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories
from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that
programming cables for the IC-706 are readily available at a reasonable
price.
However, it looks like the YPlog Program costs quite a bit unless you
download the Spamware version?  I am just interested in programming the
radio without
the control and logging functions.  Does anyone know of a
software program that is free or inexpensive that will program the
IC-706?

Thanks,
Kevin
KA4VAS

---
From: Al Waschka
<awaschka@bellsouth.net>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54

AM
Subject: [ic706] Programing
IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was
asking about programming the 706 memories.  I think I have seem similar
questions here.  I was interested because I put a lot of time into
programming my 706 mobile rig from the front panel and was looking for an easier
way to duplicate the loads in my 706MkII which is replacing the
706.

The logging program YPlog has the capability to read and write
memories in the 706 family of radios (among others).  There are a few
subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as
COPY, CUT, and PASTE.  You may only enter and delete data in single
fields.
2. You can program memories as splits for repeaters by loading a TX
OFFSET, however, contrary to the HELP file's claim, entering 600k will not set
the split to 600 kHz.  One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets
from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the
calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where
FM mode is programmed.  I'm guessing that they are all loaded with the tone
that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of
course.

Hope this is useful news.  It was for me.

Al K5TAN

---

No virus found in this
message.
Checked by AVG - http://www.avg.com/
Version: 2013.0.3408 / Virus
Database: 3222/6665 - Release Date: 09/14/13

# 20764. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 14:01:07 UTC
From: LARRY J. FORD
Topic: 20754  Message: 20764

Why not put a known, good SWR meter inline, downstream of the 706 and compare readings.

Even if the meters in 706MKIIGs were, as a general rule, accurate, that does not mean yours is.

Testing against a known, standard reference will verify what your meter reads.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Tue, 17 Sep 2013 11:37:35 PM EDT
From: "rrath" <rrath@...>
To: ic706@yahoogroups.com
Subject: [ic706] SWR Question

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna. Should I put in line an
> SWR meter separate from the one built in?
>
>
> Thanks.
> Rod kc7vqr
>

# 20765. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 14:28:53 UTC
From: David Stinson
Topic: 20754  Message: 20765

Don't go tuning your screwdriver antenna with the 706
at full output. You will fry the filter board and possibly the finals.
I respectfully suggest using an antenna anaylizer to mark settings.

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna.

# 20766. RE: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 14:42:24 UTC
From: Al Waschka
Topic: 20754  Message: 20766

I tune for receiver noise first, then tune in AM - only 40W. I'm planning
to hook up a relay so that when the antenna tune voltage is applied it puts
the 706 in tune mode - only 10W, but haven't got that built yet.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
David Stinson
Sent: Wednesday, September 18, 2013 10:29 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] SWR Question

Don't go tuning your screwdriver antenna with the 706
at full output. You will fry the filter board and possibly the finals.
I respectfully suggest using an antenna anaylizer to mark settings.

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna.

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20767. 706 Tuning Interfaces (was: SWR Question)

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 14:47:43 UTC
From: LARRY J. FORD
Topic: 20767  Message: 20767

Or, if the 4-pin Molex tuner connector on the back that an AH-4 normally plugs into is not being used, then buy or build one of those "tuner emulators" which tricks the 706 into thinking an AH-4 is connected and enables the "Tune" button on the front of the rig.

Then you can just press "Tune," it will put the rig into CW mode and it will TX a roughly 10-watt signal for several seconds (duration determined by value of capacitor used in the device).

DIY example: http://www.prnewell.com/kc2wi/Icom_tune_control/

Another DIY example: (published by SGC for use with its tuners, which I have built):
http://www.sgcworld.com/Publications/Downloads/ic706connecting.pdf

There is a "manual" version as well, designed by Phil Salas, which does not use the "Tune" button, but a separate momentary push-button switch:
http://www.ad5x.com/images/Articles/TuningIntfc706.pdf

Also DIY for 706s and screwdriver antennas: http://www.w5dxp.com/706screw.htm
There are commercial versions:

One example: http://vk1od.net/module/TuneMate/

Another example is at http://www.w4rt.com/ under "ICOM Accessories" (full control for motorized antennas) and
finally, the "TurboTuner" automatic tuning interface: http://www.n2vz.com/

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 18 Sep 2013 10:29:14 AM EDT
From: "David Stinson" <arc5@ix.netcom.com>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] SWR Question

> Don't go tuning your screwdriver antenna with the 706
> at full output. You will fry the filter board and possibly the finals.
> I respectfully suggest using an antenna anaylizer to mark settings.
>
> > How accurite is the swr meter on the
> > 706mkllg? Going mobile in the RV with
> > screwdriver antenna.
>

# 20768. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 15:04:33 UTC
From: Ralph Mowery
Topic: 20733  Message: 20768

There are some items that will not be saved or be able to be uploaded to the 706.  Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

>_____
>From: Vincent <vingough@...>
>To: ic706@yahoogroups.com
>Sent: Tuesday, September 17, 2013 8:06 PM
>Subject: Re: [ic706] Programing IC-706 Memories from a PC
>
>
>
>
>
>
>Hello All,
>Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
>However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version?  I am just interested in programming the radio without
>the control and logging functions.  Does anyone know of a software program that is free or inexpensive that will program the IC-706?
>Thanks,
>Kevin
>KA4VAS
>
>
>
>
>_____
>From: Al Waschka <awaschka@...>
>To: ic706@yahoogroups.com
>Sent: Saturday, September 14, 2013 11:54 AM
>Subject: [ic706] Programing IC-706 Memories from a PC
>
>
>I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories.  I think I have seem similar questions here.  I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.
>

>The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others).  There are a few subtleties I have deduced from my limited experiments.
>
>1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE.  You may only enter and delete data in single fields.
>2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz.  One must use 0.6 (as in MHz).
>3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
>4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
>5. The radio indicates that a tone is loaded into all memories where FM mode is programmed.  I'm guessing that they are all loaded with the tone that is set in the radio's menu.
>
>I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.
>
>Hope this is useful news.  It was for me.
>
>Al K5TAN
>
>
>
>
>
>
>
>

# 20769. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 15:21:26 UTC
From: mikerodgerske5gbc@...
Topic: 20754  Message: 20769

I got tired of using AM. Seems my radio was always in FM so had to change to AM and I'm not sure a 40w AM carrier is any better than 100w cw or rtty.

I started using rtty and reducing power, I just seemed to like it better and seem like less steps. I've got a couple of those tune modules but I grew tired of them also. The push button one Of Phil's that Larry linked to sounds interesting.

73
Mike R

On Sep 18, 2013, at 9:42 AM, "Al Waschka" <awaschka@...> wrote:

> I tune for receiver noise first, then tune in AM - only 40W. I'm planning to hook up a relay so that when the antenna tune voltage is applied it puts the 706 in tune mode - only 10W, but haven't got that built yet.
>
> Al
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of David Stinson
> Sent: Wednesday, September 18, 2013 10:29 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] SWR Question
>
>
> Don't go tuning your screwdriver antenna with the 706
> at full output. You will fry the filter board and possibly the finals.
> I respectfully suggest using an antenna anaylizer to mark settings.
>
> > How accurite is the swr meter on the
> > 706mkllg? Going mobile in the RV with
> > screwdriver antenna.
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13
>
>

# 20770. RE: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 16:34:04 UTC
From: Al Waschka
Topic: 20733  Message: 20770

Correct. YPlog does splits in the same manner as quick split in the 706 menu. You can load offsets with YPlog; I have verified that. But you cannot load different tones into different memories with YPlog. If you load an offset, YPlog loads the tone that is set in the 706 menu. So set that tone to whatever tone you use the most. You will then have to go in and change the tone in the memories for repeaters that use different tones.

Regardless, it is still substantially more convenient that loading memories by tuning the VFO to each repeater and loading the memory. You would still have to change the tone for each repeater using a different tone.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded to the 706. Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Tuesday, September 17, 2013 8:06 PM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20771. RE: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 16:38:07 UTC
From: Al Waschka
Topic: 20754  Message: 20771

Well, almost any of the tuner emulators can be linked to the screwdriver tune voltage. The relay version is particularly simple. Just connect the relay coil across the motor line. Whenever there is voltage on that line, the radio will go into tune mode. My ultimate plan is to do that, but have another switch in series so that if that one is open I can tune on receiver noise.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of mikerodgerske5gbc@...
Sent: Wednesday, September 18, 2013 11:21 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] SWR Question

I got tired of using AM. Seems my radio was always in FM so had to change to AM and I'm not sure a 40w AM carrier is any better than 100w cw or rtty.

I started using rtty and reducing power, I just seemed to like it better and seem like less steps. I've got a couple of those tune modules but I grew tired of them also. The push button one Of Phil's that Larry linked to sounds interesting.

73
Mike R

On Sep 18, 2013, at 9:42 AM, "Al Waschka" <awaschka@...> wrote:

I tune for receiver noise first, then tune in AM - only 40W. I'm planning to hook up a relay so that when the antenna tune voltage is applied it puts the 706 in tune mode - only 10W, but haven't got that built yet.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of David Stinson
Sent: Wednesday, September 18, 2013 10:29 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] SWR Question

Don't go tuning your screwdriver antenna with the 706
at full output. You will fry the filter board and possibly the finals.
I respectfully suggest using an antenna anaylizer to mark settings.

> How accurite is the swr meter on the
> 706mkllg? Going mobile in the RV with
> screwdriver antenna.

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20772. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 17:11:11 UTC
From: Paul Naumann
Topic: 20733  Message: 20772

This is too good to be true! You can really load memory info into the MKII from a PC? Even alpha characters for memory names? I have to have this, even with some exceptions.

-----Original Message-----
From: Al Waschka <awaschka@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject: RE: [ic706] Programing IC-706 Memories from a PC

Correct. YPlog does splits in the same manner as quick split in the 706 menu. You can load offsets with YPlog; I have verified that. But you cannot load different tones into different memories with YPlog. If you load an offset, YPlog loads the tone that is set in the 706 menu. So set that tone to whatever tone you use the most. You will then have to go in and change the tone in the memories for repeaters that use different tones.

Regardless, it is still substantially more convenient that loading memories by tuning the VFO to each repeater and loading the memory. You would still have to change the tone for each repeater using a different tone.

Al

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded to the 706. Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Tuesday, September 17, 2013 8:06 PM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?

Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@bellsouth.net>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20773. RE: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 17:33:57 UTC
From: Al Waschka
Topic: 20733  Message: 20773

No, not alpha characters.

As noted in my original post, YPlog will read receive frequency and offset from the radio, and it will write receive frequency, offset, and if offset is non-zero, the tone set in the 706 menu to the radio. Nothing more.

But it is still better than loading each frequency from the front panel.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Paul Naumann
Sent: Wednesday, September 18, 2013 1:11 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

This is too good to be true! You can really load memory info into the MKII from a PC? Even alpha characters for memory names? I have to have this, even with some exceptions.

-----Original Message-----
From: Al Waschka <awaschka@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject: RE: [ic706] Programing IC-706 Memories from a PC

Correct. YPlog does splits in the same manner as quick split in the 706 menu. You can load offsets with YPlog; I have verified that. But you cannot load different tones into different memories with YPlog. If you load an offset, YPlog loads the tone that is set in the 706 menu. So set that tone to whatever tone you use the most. You will then have to go in and change the tone in the memories for repeaters that use different tones.

Regardless, it is still substantially more convenient that loading memories by tuning the VFO to each repeater and loading the memory. You would still have to change the tone for each repeater using a different tone.

Al

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com <mailto:ic706@yahoogroups.com?> ] On Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded to the 706. Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Tuesday, September 17, 2013 8:06 PM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

---

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com/>
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20774. Looking for an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 18:09:17 UTC
From: John Geiger
Topic: 20774  Message: 20774

I am looking for an Icom 706 original model, if anyone has one for sale. A CW filter with it would be nice but not necessary. Let me know the price shipped to Lawton, OK ZIP 73507/

73 John AF5CC

# 20775. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-18 19:01:27 UTC
From: Paul Naumann
Topic: 20733  Message: 20775

Yes, anything is better than the front panel. Thank you so kindly.

-----Original Message-----
From: Al Waschka <awaschka@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 12:22 pm
Subject: RE: [ic706] Programing IC-706 Memories from a PC

No, not alpha characters.

As noted in my original post, YPlog will read receive frequency and offset from the radio, and it will write receive frequency, offset, and if offset is non-zero, the tone set in the 706 menu to the radio. Nothing more.

But it is still better than loading each frequency from the front panel.

Al

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Paul Naumann
Sent: Wednesday, September 18, 2013 1:11 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

This is too good to be true! You can really load memory info into the MKII from a PC? Even alpha characters for memory names? I have to have this, even with some exceptions.

-----Original Message-----
From: Al Waschka <awaschka@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject: RE: [ic706] Programing IC-706 Memories from a PC

Correct. YPlog does splits in the same manner as quick split in the 706 menu. You can load offsets with YPlog; I have verified that. But you cannot load different tones into different memories with YPlog. If you load an offset, YPlog loads the tone that is set in the 706 menu. So set that tone to whatever tone you use the most. You will then have to go in and change the tone in the memories for repeaters that use different tones.

Regardless, it is still substantially more convenient that loading memories by tuning the VFO to each repeater and loading the memory. You would still have to change the tone for each repeater using a different tone.

Al

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded to the 706. Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Tuesday, September 17, 2013 8:06 PM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@bellsouth.net>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

-----Original Message-----
From: Al Waschka <awaschka@...>
To: ic706 <ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject: RE: [ic706] Programing IC-706 Memories from a PC

Correct. YPlog does splits in the same manner as quick split in the 706 menu. You can load offsets with YPlog; I have verified that. But you cannot load different tones into different memories with YPlog. If you load an offset, YPlog loads the tone that is set in the 706 menu. So set that tone to whatever tone you use the most. You will then have to go in and change the tone in the memories for repeaters that use different tones.

Regardless, it is still substantially more convenient that loading memories by tuning the VFO to each repeater and loading the memory. You would still have to change the tone for each repeater using a different tone.

Al

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded to the 706. Icom did not pass all the commands through the serial port.

After you save/load the 706 you will still need to go to each memory and make sure the tones and off sets and such are what you want .

This is not a softwear problem, but an Icom 706 problem.
It does not mater what softwear you use.

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Tuesday, September 17, 2013 8:06 PM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@bellsouth.net>
To: ic706@yahoogroups.com

Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20776. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-19 03:25:11 UTC
From: Facility 406 DM09
Topic: 20754  Message: 20776

"I've got a couple of those tune modules but I grew tired of them also."

Was there a problem with them? Doesn't the rig switch modes, drop power, then revert back when done? I don't have one but thought about getting one, seemed quicker and easier than changing mode, resetting power, tuning, crank power back up, change mode again.

Kurt

# 20777. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-19 08:46:12 UTC
From: mikerodgerske5gbc@...
Topic: 20754  Message: 20777

My memory as to why has faded but I think they didn't stay engaged long enough for me.

The version Larry linked with a switch might be ideal.

73
Mike R

On Sep 18, 2013, at 10:25 PM, "Facility 406 DM09" <facility_406@earthlink.net> wrote:

> "I've got a couple of those tune modules but I grew tired of them also."
>
> Was there a problem with them? Doesn't the rig switch modes, drop power,
> then revert back when done? I don't have one but thought about getting one,
> seemed quicker and easier than changing mode, resetting power, tuning, crank
> power back up, change mode again.
>
> Kurt
>
>

# 20778. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-19 13:54:08 UTC
From: LARRY J. FORD
Topic: 20754  Message: 20778

The DIY tune module versions with a capacitor can be tweaked for duration of the CW tone emitted by changing the value of the capacitor.

Somewhere, I have the instructions for doing that.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Thu, 19 Sep 2013 04:47:00 AM EDT
From: mikerodgerske5gbc@...
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] SWR Question

> My memory as to why has faded but I think they didn't stay engaged long enough for me.
>
> The version Larry linked with a switch might be ideal.
>
> 73
> Mike R
>
> On Sep 18, 2013, at 10:25 PM, "Facility 406 DM09" <facility_406@...> wrote:
>
> > "I've got a couple of those tune modules but I grew tired of them also."
> > >
> > > Was there a problem with them? Doesn't the rig switch modes, drop power,
> > > then revert back when done? I don't have one but thought about getting one,
> > > seemed quicker and easier than changing mode, resetting power, tuning, crank
> > > power back up, change mode again.
> > >
> > > Kurt
> > >
> > >
>

# 20779. IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-19 23:24:30 UTC
From: k1ike
Topic: 20779  Message: 20779

I'm selling my 706 for $450 plus shipping. Very clean radio, output good on all bands, mike, cord, instructions. Modified for expanded TX frequencies.

Non-smoker, ship from Zip 06423.

Photos on request.

73, Joe, K1ike

# 20780. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 04:29:39 UTC
From: Facility 406 DM09
Topic: 20754  Message: 20780

"My memory as to why has faded but I think they didn't stay engaged long enough for me."

Might be a problem. I seem to recall some combinations in my tuner took five to ten seconds.

Kurt

# 20781. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 02:38:00 UTC
From: Hong Michael
Topic: 20779  Message: 20781

I'm interested and would like photos.

---
From: k1ike <k1ike_mail@...>
To: ic706@yahoogroups.com
Sent: Thursday, September 19, 2013 4:24 PM
Subject: [ic706] IC-706MKIIG FOR SALE

I'm selling my 706 for $450 plus shipping. Very clean radio, output good on all bands, mike, cord, instructions. Modified for expanded TX frequencies.

Non-smoker, ship from Zip 06423.

Photos on request.

73, Joe, K1ike

# 20782. Re: [ic706] SWR Question

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 07:58:53 UTC
From: mikerodgerske5gbc@...
Topic: 20754  Message: 20782

Kurt, my 706 is not my main rig anymore and hasn't been for 2 1/2 years since getting the k3. I really liked my pal star manual tuner and still do but I also have a ldg auto tuner that plugged into the ah4 socket. I'm pretty sure it used the 10w tune and may have tuned via the tune button on the 706, I could check. This would be the way to go with a atu, one that syncs with the 706. Of course it's all what you get used to or want to do.

73
Mike R

On Sep 19, 2013, at 11:29 PM, "Facility 406 DM09" <facility_406@earthlink.net> wrote:

> "My memory as to why has faded but I think they didn't stay engaged long
> enough for me."
>
> Might be a problem. I seem to recall some combinations in my tuner took
> five to ten seconds.
>
> Kurt
>
>

# 20783. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 16:41:17 UTC
From: Joe
Topic: 20779  Message: 20783

Additional info for my 706 for sale.

I forgot to include that I have never had this mobile, but I do have the OPC-581 separation cable, MB-62 mobile mounting bracket and MB-63 mounting bracket, and original power cable, HM-103 mike, original manual. All included for $450.00 plus shipping. PayPal preferred, USPS postal money order, no personal checks please.

73, Joe, K1ike

# 20784. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 19:42:36 UTC
From: AG0N-3055
Topic: 20779  Message: 20784

On Fri, 20 Sep 2013 12:41:17 -0400, Joe wrote:

> Additional info for my 706 for sale.

That's a pretty good price. I sure wouldn't turn loose of mine for that much. It sits on the shelf just looking "purdy". I really should get rid of it and the 7K, but I want to hang onto something small for mobile, should the need arise.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20785. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 20:14:20 UTC
From: John Geiger
Topic: 20779  Message: 20785

Hi Joe,

Any idea as to what shipping would run to Oklahoma?

73 John AF5CC

On Fri, Sep 20, 2013 at 11:41 AM, Joe <k1ike_mail@...> wrote:

> **
>
>
> Additional info for my 706 for sale.
>
>
> I forgot to include that I have never had this mobile, but I do have the
> OPC-581 separation cable, MB-62 mobile mounting bracket and MB-63
> mounting bracket, and original power cable, HM-103 mike, original
> manual. All included for $450.00 plus shipping. PayPal preferred,
> USPS postal money order, no personal checks please.
>
> 73, Joe, K1ike
>
>
>

# 20786. Size of Alignment Tool for IC-706 Variable Inductors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-20 20:44:11 UTC
From: <kawill70@...>
Topic: 20786  Message: 20786

Does anyone know what kind of tool is required to adjust the variable inductors in the IC-706MKIIG? If it is a hex shaped tool I would be interested in the dimensions.
I need to adjust L601 for the PLL frequency adjustment and wonder if a steel allen wrench of the correct size could be used if a non-metallic tool is not available. With a steel tool I assume you would need to remove the tool before checking the results.

# 20787. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 03:10:35 UTC
From: Hong Michael
Topic: 20779  Message: 20787

I'll take it. How do you want payment and how much is shipping to 92647?

---
From: Joe <k1ike_mail@...>
To: ic706@yahoogroups.com
Sent: Friday, September 20, 2013 9:41 AM
Subject: Re: [ic706] IC-706MKIIG FOR SALE

Additional info for my 706 for sale.

I forgot to include that I have never had this mobile, but I do have the OPC-581 separation cable, MB-62 mobile mounting bracket and MB-63 mounting bracket, and original power cable, HM-103 mike, original manual. All included for $450.00 plus shipping. PayPal preferred, USPS postal money order, no personal checks please.

73, Joe, K1ike

# 20788. 706MKIIG Freaquency Display Frozen...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 04:08:43 UTC
From: <kg6wid@...>
Topic: 20788  Message: 20788

...it will not tune or change bands, it's just stuck on one frequency. Has anyone ever had this happen before? Know what the cause is and how to resolve it?

# 20789. Re: [ic706] 706MKIIG Freaquency Display Frozen...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 10:35:53 UTC
From: Ken Winterling
Topic: 20788  Message: 20789

Is it possible you pressed the "LOCK" button located at the lower left of the main tuning knob? A quick push cycles it on/off. There is an indicator LED to the left of the button that indicates when locked. The same button also activates the optional voice synthesizer if pressed for about 2 seconds.

Ken
WA2LBI

On Sat, Sep 21, 2013 at 12:08 AM, <kg6wid@...> wrote:

> **
>
>
> ...it will not tune or change bands, it's just stuck on one frequency. Has
> anyone ever had this happen before? Know what the cause is and how to
> resolve it?
>
>
>

# 20790. Re: [ic706] IC-706MKIIG FOR SALE

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 13:14:44 UTC
From: Joe
Topic: 20779  Message: 20790

It looks like the 706 is sold. If there is any change I will repost it.

73, Joe, K1ike

# 20791. Re: Size of Alignment Tool for IC-706 Variable Inductors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 14:26:19 UTC
From: EdwinB
Topic: 20786  Message: 20791

An allen wrench is not going to do you any good as it will throw the inductance way off while it is in the coil. I think Radio Shack sells a package of alignment tools, or you can Google for "diddle sticks" or "Alignment tools" (although the latter will get you a lot of irrelevant hits). Mouser and Digi-key would also be a good place to search.

You can also whittle the end of of a hardwood dowel to fit the slug.

Regards,
Ed

# 20792. Re: [ic706] Re: Size of Alignment Tool for IC-706 Variable Inductors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-21 15:54:04 UTC
From: Ralph Mowery
Topic: 20786  Message: 20792

The allen wrench will throw the adjustment off.

 It will also give you a good chance of breaking the tuning slug.  They are very brittle.

>_____
>From: EdwinB <n5kzw@...>
>To: ic706@yahoogroups.com
>Sent: Saturday, September 21, 2013 10:26 AM
>Subject: [ic706] Re: Size of Alignment Tool for IC-706 Variable Inductors
>
>
>An allen wrench is not going to do you any good as it will throw the inductance way off while it is in the coil.  I think Radio Shack sells a package of alignment tools, or you can Google for "diddle sticks" or "Alignment tools" (although the latter will get you a lot of irrelevant hits).  Mouser and Digi-key would also be a good place to search.
>
>You can also whittle the end of of a hardwood dowel to fit the slug.
>
>Regards,
>Ed
>
>

# 20793. RE: Size of Alignment Tool for IC-706 Variable Inductors

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-23 20:26:07 UTC
From: <kawill70@...>
Topic: 20786  Message: 20793

Thanks Ralph, Ed, and David for the help. An Internet search does turn up quite a few choices in alignment tools. Amazon has a nine piece alignment tool set from GC Waldom. The GC Electronics Catalog also has a large selection of alignment tools.

73, Kent AA6P

# 20794. Re: [ic706] 706MKIIG Freaquency Display Frozen...

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-24 01:08:56 UTC
From: steve schumm
Topic: 20788  Message: 20794

Hi- I just read the manual on line.. The one thing you can try, rest the CPU. Go to page 15 in the ic-706mk2g manual, it will tell you how to do this..Good luck and keep us posted.
73-Steve----WB2OEE

---

From: "kg6wid@..." <kg6wid@...>
To: ic706@yahoogroups.com
Sent: Saturday, September 21, 2013 12:08 AM
Subject: [ic706] 706MKIIG Freaquency Display Frozen...

...it will not tune or change bands, it's just stuck on one frequency. Has anyone ever had this happen before? Know what the cause is and how to resolve it?

# 20795. Original IC-706 For Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-24 16:12:00 UTC
From: <kjsorenson@...>
Topic: 20795  Message: 20795

Gentlemen,

For sale original IC-706 to include Remote Head Extension cable and heavy duty fused 12 volt power cable and bound paper manual. Precisely calibrated and there are no technical issues that I'm aware of. Out-of-band transmit enabled for 1.6 MHz to 54 MHz.

Optional power supply IC-PS20 12 volt 20 amp with speaker and fan - for pickup only. No microphone.

IC-706 - $450 plus shipping (pick up or ship)
IC-PS20 - $40 (for local pickup only)

Here's a YouTube movie of a QSQ I made a couple of days ago.
http://youtu.be/BoBT4rfG2A4

Image here:
http://www.w3bh.com/706.jpg

Selling because, as usual, I need the money.

Thanks,

Jim
W3BH
Saxonburg. PA 16056
kjsorenson@gmail.com

# 20796. RE: Original IC-706 For Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-25 00:41:29 UTC
From: <kjsorenson@...>
Topic: 20795  Message: 20796

Testing Link

---In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

Gentlemen,

For sale original IC-706 to include Remote Head Extension cable and heavy duty fused 12 volt power cable and bound paper manual. Precisely calibrated and there are no technical issues that I'm aware of. Out-of-band transmit enabled for 1.6 MHz to 54 MHz.

Optional power supply IC-PS20 12 volt 20 amp with speaker and fan - for pickup only. No microphone.

IC-706 - $450 plus shipping (pick up or ship)
IC-PS20 - $40 (for local pickup only)

Here's a YouTube movie of a QSQ I made a couple of days ago.
http://youtu.be/BoBT4rfG2A4

Image here:
http://www.w3bh.com/706.jpg

Selling because, as usual, I need the money.

Thanks,

Jim
W3BH
Saxonburg. PA 16056
kjsorenson@...

# 20797. RE: RE: Original IC-706 For Sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-25 13:13:56 UTC
From: <kjsorenson@...>
Topic: 20795  Message: 20797

This unit was sold - thanks

---In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

Testing Link

---In ic706@yahoogroups.com, <ic706@yahoogroups.com> wrote:

Gentlemen,

For sale original IC-706 to include Remote Head Extension cable and heavy duty fused 12 volt power cable and bound paper manual. Precisely calibrated and there are no technical issues that I'm aware of. Out-of-band transmit enabled for 1.6 MHz to 54 MHz.

Optional power supply IC-PS20 12 volt 20 amp with speaker and fan - for pickup only. No microphone.

IC-706 - $450 plus shipping (pick up or ship)
IC-PS20 - $40 (for local pickup only)

Here's a YouTube movie of a QSQ I made a couple of days ago.
http://youtu.be/BoBT4rfG2A4

Image here:
http://www.w3bh.com/706.jpg

Selling because, as usual, I need the money.

Thanks,

Jim
W3BH
Saxonburg. PA 16056
kjsorenson@...

# 20798. Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-27 02:49:11 UTC
From: John Geiger
Topic: 20798  Message: 20798

I have for sale the following accessories for the Icom 706 series of radios. I can take paypal/check/MO, and prices include shipping in the US. Here is what I have available:

1. Better RF tuning control-plugs into the tuner jack on the back of the radio, and sends out a 10 watt carrier when you push the tune button on the radio. Perfect for using with a manual or autotuner. Sells new for $32 plus shipping, I am asking $23.

2. Separation kit, including the bracket for the faceplate, and the separation cable. Asking $40

3. Keypad that allows direct frequency entry, switching between VFOs, and split operation. It runs on a 9 volt battery. It is a homebrew job, but looks very nice. The keypad plugs into the CI-V port on the 706 and uses a programmed 16F84 PIC micro-controller. It allows for direct frequency entry, and gives you the SPLIT and A/B commands, plus several other programmable features. There have been numerous upgrades to this little box, and in fact it is now available in kit form for $55. G4FEV re-housed the PC board inside the numeric keypad from an old computer keyboard! You can read all about it in these two bitmap image files:

http://g4fev.atspace.com/706_pad1.bmp

http://g4fev.atspace.com/706_pad2.bmp

I am asking $23 for it.

73 John AF5CC

# 20799. Re: [ic706] Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-27 04:38:31 UTC
From: Steve Kuck
Topic: 20798  Message: 20799

If not, I will pass on the separation kit, but will take the keyboard.

Steve - K2ALS

Vice President, Tryon Amatuer Radio Club, Fulton County NY
ARES Emergency Coordinator, Fulton County NY

Fighting Fires isn't for everybody, but volunteering can be.

Stop by your local Fire Department and see what you can do to help your community.
I'm a proud member of the South Minden Volunteer Fire Department, Montgomery County NY

---
From: Steve Kuck
To: "ic706@yahoogroups.com"
Sent: Friday, September 27, 2013 12:37 AM
Subject: Re: [ic706] Icom 706 accessories for sale

John,

Will you take $55.00 for the separation kit and the keyboard?

Steve- K2ALS

Vice President, Tryon Amatuer Radio Club, Fulton County NY
ARES Emergency Coordinator, Fulton County NY

Fighting Fires isn't for everybody, but volunteering can be.

Stop by your local Fire Department and see what you can do to help your community.
I'm a proud member of the South Minden Volunteer Fire Department, Montgomery County NY

---
From: John Geiger
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector ; ham4sale ;
forsale-swap@...; OKtraders@yahoogroups.com
Sent: Thursday, September 26, 2013 10:49 PM
Subject: [ic706] Icom 706 accessories for sale

I have for sale the following accessories for the
Icom 706 series of radios. I can take paypal/check/MO, and prices include
shipping in the US. Here is what I have available:

1. Better RF tuning control-plugs into the tuner
jack on the back of the radio, and sends out a 10 watt carrier when you push the
tune button on the radio. Perfect for using with a manual or
autotuner. Sells new for $32 plus shipping, I am asking $23.

2. Separation kit, including the bracket for the
faceplate, and the separation cable. Asking $40

3. Keypad that allows direct frequency entry,
switching between VFOs, and split operation. It runs on a 9 volt
battery. It is a homebrew job, but looks very nice. The
keypad plugs into the CI-V port on the 706 and uses a programmed 16F84 PIC
micro-controller. It allows for direct frequency entry, and gives you the SPLIT
and A/B commands, plus several other programmable features. There have been
numerous upgrades to this little box, and in fact it is now available in kit
form for $55. G4FEV re-housed the PC board inside the numeric keypad from an old
computer keyboard! You can read all about it in these two bitmap image
files:

http://g4fev.atspace.com/706_pad1.bmp
http://g4fev.atspace.com/706_pad2.bmp

I am asking $23 for it.

73 John AF5CC

# 20800. Re: [ic706] Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-27 04:37:10 UTC
From: Steve Kuck
Topic: 20798  Message: 20800

John,

Will you take $55.00 for the separation kit and the keyboard?

Steve- K2ALS

Vice President, Tryon Amatuer Radio Club, Fulton County NY
ARES Emergency Coordinator, Fulton County NY

Fighting Fires isn't for everybody, but volunteering can be.

Stop by your local Fire Department and see what you can do to help your community.
I'm a proud member of the South Minden Volunteer Fire Department, Montgomery County NY

---
From: John Geiger
To: ic706@yahoogroups.com; IC-706MKIIG@yahoogroups.com; ICOM Reflector ; ham4sale ; forsale-swap@...; OKtraders@yahoogroups.com
Sent: Thursday, September 26, 2013 10:49 PM
Subject: [ic706] Icom 706 accessories for sale

I have for sale the following accessories for the
Icom 706 series of radios. I can take paypal/check/MO, and prices include
shipping in the US. Here is what I have available:

1. Better RF tuning control-plugs into the tuner
jack on the back of the radio, and sends out a 10 watt carrier when you push the
tune button on the radio. Perfect for using with a manual or
autotuner. Sells new for $32 plus shipping, I am asking $23.

2. Separation kit, including the bracket for the
faceplate, and the separation cable. Asking $40

3. Keypad that allows direct frequency entry,
switching between VFOs, and split operation. It runs on a 9 volt
battery. It is a homebrew job, but looks very nice. The
keypad plugs into the CI-V port on the 706 and uses a programmed 16F84 PIC
micro-controller. It allows for direct frequency entry, and gives you the SPLIT
and A/B commands, plus several other programmable features. There have been
numerous upgrades to this little box, and in fact it is now available in kit
form for $55. G4FEV re-housed the PC board inside the numeric keypad from an old
computer keyboard! You can read all about it in these two bitmap image
files:

http://g4fev.atspace.com/706_pad1.bmp
http://g4fev.atspace.com/706_pad2.bmp

I am asking $23 for it.

73 John AF5CC

# 20801. Re: [ic706] Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-27 10:42:56 UTC
From: guenhwyvr@...
Topic: 20798  Message: 20801

John,

I am interested in the separation kit and the keypad. I can paypal you as soon as you let me know they're still available, and my address is good on QRZ.

Thanks and 73,

Justin KK4LSM

On Sep 26, 2013, at 10:49 PM, John Geiger <af5cc@...> wrote:

>
> I have for sale the following accessories for the Icom 706 series of radios. I can take paypal/check/MO, and prices include shipping in the US. Here is what I have available:
>

> 1. Better RF tuning control-plugs into the tuner jack on the back of the radio, and sends out a 10 watt carrier when you push the tune button on the radio. Perfect for using with a manual or autotuner. Sells new for $32 plus shipping, I am asking $23.
>
> 2. Separation kit, including the bracket for the faceplate, and the separation cable. Asking $40
>
> 3. Keypad that allows direct frequency entry, switching between VFOs, and split operation. It runs on a 9 volt battery. It is a homebrew job, but looks very nice. The keypad plugs into the CI-V port on the 706 and uses a programmed 16F84 PIC micro-controller. It allows for direct frequency entry, and gives you the SPLIT and A/B commands, plus several other programmable features. There have been numerous upgrades to this little box, and in fact it is now available in kit form for $55. G4FEV re-housed the PC board inside the numeric keypad from an old computer keyboard! You can read all about it in these two bitmap image files:
>
> http://g4fev.atspace.com/706_pad1.bmp
>
> http://g4fev.atspace.com/706_pad2.bmp
>
>
> I am asking $23 for it.
>

> 73 John AF5CC
>
>

# 20802. Icom 706 original for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-30 01:04:48 UTC
From: John Geiger
Topic: 20802  Message: 20802

I have for sale the original model of the Icom 706. This is the model that does 100 watts on HF and 6m, and 10 watts on 2m. It is in very good shape, and works great. One of the best looking 706 originals I have seen. It comes with the original box (which is also in excellent condition), manual, mic, and long power cord.

It works fine and has done a good job in the CQWW RTTY contest this weekend. Even worked a new RTTY country on it!

I am asking $400 plus any shipping if necessary.

73 John AF5CC

# 20803. FS: Heil Traveler Boomset - NIB

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-30 03:42:27 UTC
From: Dallas Vanselow KC8HQS
Topic: 20803  Message: 20803

Hello all.

I have a Heil Traveler Boomset (& IC-706 adapter) which I purchased brand new in early 2007 when they phased out this design. This boomset and the IC-706 adapter have never been used. I recently found this in storage and decided I really don't need it. I'm offering it for sale to this list first before posting it somewhere else so you guys get first dibs!

I would like $75 for the boomset and adapter + shipping to your zip code. US buyers only please. Sorry DX!

Please contact me off list if interested.

Pictures can be seen here:
https://www.dropbox.com/sh/aaazy8xvwvn8azs/Zr-Wg5XN3Z

73,

Dale KC8HQS
kc8hqs@...

# 20804. Re: [ic706] FS: Heil Traveler Boomset - NIB

Yahoo group: ic706 (2010 — 2015)
Date: 2013-09-30 19:01:01 UTC
From: Scott Millick
Topic: 20803  Message: 20804

I need the adapter if someone one wants just the set

At 10:42 PM 9/29/2013, you wrote:
>
>
>Hello all.
>
>I have a Heil Traveler Boomset (& IC-706 adapter) which I purchased
>brand new in early 2007 when they phased out this design. This boomset
>and the IC-706 adapter have never been used. I recently found this in
>storage and decided I really don't need it. I'm offering it for sale to
>this list first before posting it somewhere else so you guys get first dibs!
>
>I would like $75 for the boomset and adapter + shipping to your zip
>code. US buyers only please. Sorry DX!
>
>Please contact me off list if interested.
>
>Pictures can be seen here:
>https://www.dropbox.com/sh/aaazy8xvwvn8azs/Zr-Wg5XN3Z
>
>73,
>
>Dale KC8HQS
>kc8hqs@...
>

Scotty K9SM

# 20805. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-03 04:47:03 UTC
From: Vincent
Topic: 20733  Message: 20805

Hi Al,
I downloaded the YPlog program and it works very well for programming the IC-706.
I used an inexpensive USB Cable from China - no complaints so far.
I like the fact that YPlog saves many steps entering info into the Memory locations.
Thank you for the info.
Kevin
KA4VAS

---
From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Wednesday, September 18, 2013 1:33 PM
Subject: RE: [ic706] Programing IC-706 Memories from a PC

No, not alpha characters.

As noted in my original post, YPlog will read receive
frequency and offset from the radio, and it will write receive frequency,
offset, and if offset is non-zero, the tone set in the 706 menu to the
radio.  Nothing more.

But it is still better than loading each frequency from the
front panel.

Al

---
From: ic706@yahoogroups.com
[mailto:ic706@yahoogroups.com] On Behalf Of Paul Naumann
Sent: Wednesday, September 18, 2013 1:11 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories
from a PC

This
is too good to be true!  You can really load memory info into the MKII from
a PC?  Even alpha characters for memory names?  I have to have this,
even with some exceptions.

-----Original
Message-----
From: Al Waschka <awaschka@...>
To: ic706
<ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject:
RE: [ic706] Programing IC-706 Memories from a PC

Correct.  YPlog does splits in the same manner as quick
split in the 706 menu.  You can load offsets with YPlog; I have verified
that.  But you cannot load different tones into different memories with
YPlog.  If you load an offset, YPlog loads the tone that is set in the 706
menu.  So set that tone to whatever tone you use the most.  You will
then have to go in and change the tone in the memories for repeaters that use
different tones.

Regardless, it is still substantially more convenient that
loading memories by tuning the VFO to each repeater and loading the
memory.  You would still have to change the tone for each repeater using a
different tone.

Al

_____
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com?] On
Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05
AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded
to the 706.  Icom did not pass all the commands through the serial port.

After
you save/load the 706 you will still need to go to each memory and make sure the
tones and off sets and such are what you want .

This

is not a softwear problem, but an Icom 706 problem.
It
does not mater what softwear you use.

>_____
>From: Vincent <vingough@...>
>To: ic706@yahoogroups.com
>Sent: Tuesday, September 17, 2013 8:06 PM
>Subject: Re: [ic706] Programing IC-706 Memories from a PC
>
>
>
>Hello All,
>Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706
are readily available at a reasonable price.
>However, it looks like the YPlog Program costs quite a bit unless you download the
Spamware version?  I am just interested in programming the radio without
>the control and logging functions.  Does anyone know of a software program that is free or
inexpensive that will program the IC-706?
>Thanks,
>Kevin

>KA4VAS
>
>
>
>
>_____
>From: Al Waschka <awaschka@...>
>To: ic706@yahoogroups.com
>Sent: Saturday, September 14, 2013 11:54 AM
>Subject: [ic706] Programing IC-706 Memories from a PC
>
>
>I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories.  I think I have seem similar questions here.  I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.
>
>The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others).  There are a few subtleties I have deduced from my limited experiments.
>
>1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE.  You may only enter and delete data in single fields.
>2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz.  One must use 0.6 (as in MHz).
>3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
>4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
>5. The radio indicates that a tone is loaded into all memories where FM mode is programmed.  I'm guessing that they are all loaded with the tone that is set in the radio's menu.
>
>I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.
>
>Hope this is useful news.  It was for me.
>
>Al K5TAN
>

>
>

---

No virus found in this message.Checked by
AVG - http://www.avg.com/Version:
2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

---

No virus found in this
message.
Checked by AVG - http://www.avg.com/
Version: 2013.0.3408 / Virus
Database: 3222/6665 - Release Date: 09/14/13

# 20806. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-03 14:34:26 UTC
From: Al Waschka
Topic: 20733  Message: 20806

Great Kevin,

Glad it worked out for you .. It is WAY better than going back and forth between VFO and memory screens and dialing up each frequency.

Al

---

From: Vincent <vingough@...>
To: ic706@yahoogroups.com
Sent: Thursday, October 3, 2013 12:47 AM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hi Al,
I downloaded the YPlog program and it works very well for programming the IC-706.
I used an inexpensive USB Cable from China - no complaints so far.
I like the fact that YPlog saves many steps entering info into the Memory locations.
Thank you for the info.
Kevin
KA4VAS

From: Al Waschka <awaschka@...>
To: ic706@yahoogroups.com
Sent: Wednesday, September 18, 2013 1:33 PM
Subject: RE: [ic706] Programing IC-706 Memories from a PC

No, not alpha characters.

As noted in my original post, YPlog will read receive
frequency and offset from the radio, and it will write receive frequency,
offset, and if offset is non-zero, the tone set in the 706 menu to the
radio.  Nothing more.

But it is still better than loading each frequency from the
front panel.

Al

From: ic706@yahoogroups.com
[mailto:ic706@yahoogroups.com] On Behalf Of Paul Naumann
Sent: Wednesday, September 18, 2013 1:11 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories
from a PC

This
is too good to be true!  You can really load memory info into the MKII from
a PC?  Even alpha characters for memory names?  I have to have this,

even with some exceptions.

-----Original
Message-----
From: Al Waschka <awaschka@...>
To: ic706
<ic706@yahoogroups.com>
Sent: Wed, Sep 18, 2013 10:34 am
Subject:
RE: [ic706] Programing IC-706 Memories from a PC

Correct.  YPlog does splits in the same manner as quick
split in the 706 menu.  You can load offsets with YPlog; I have verified
that.  But you cannot load different tones into different memories with
YPlog.  If you load an offset, YPlog loads the tone that is set in the 706
menu.  So set that tone to whatever tone you use the most.  You will
then have to go in and change the tone in the memories for repeaters that use
different tones.

Regardless, it is still substantially more convenient that
loading memories by tuning the VFO to each repeater and loading the
memory.  You would still have to change the tone for each repeater using a
different tone.

Al

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com?] On
Behalf Of Ralph Mowery
Sent: Wednesday, September 18, 2013 11:05
AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

There are some items that will not be saved or be able to be uploaded
to the 706.  Icom did not pass all the commands through the serial port.

After
you save/load the 706 you will still need to go to each memory and make sure the
tones and off sets and such are what you want .

This
is not a softwear problem, but an Icom 706 problem.
It
does not mater what softwear you use.

From: Vincent <vingough@yahoo.com>
>To: ic706@yahoogroups.com
>Sent: Tuesday, September 17, 2013 8:06 PM
>Subject: Re: [ic706] Programing IC-706 Memories from a PC
>
>Hello All,
>Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706

are readily available at a reasonable price.
>However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version?  I am just interested in programming the radio without
>the control and logging functions.  Does anyone know of a software program that is free or inexpensive that will program the IC-706?
>Thanks,
>Kevin
>KA4VAS
>
>
>
>From: Al Waschka <awaschka@bellsouth.net>
>To: ic706@yahoogroups.com
>Sent: Saturday, September 14, 2013 11:54 AM
>Subject: [ic706] Programing IC-706 Memories from a PC
>
>
>I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories.  I think I have seem similar questions here.  I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.
>
>The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others).  There are a few subtleties I have deduced from my limited experiments.
>
>1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE.  You may only enter and delete data in single fields.
>2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz.  One must use 0.6 (as in MHz).
>3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
>4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
>5. The radio indicates that a tone is loaded into all memories where FM mode is programmed.  I'm guessing that they are all loaded with the tone that is set in the radio's menu.
>
>I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.
>
>Hope this is useful news.  It was for me.
>
>Al K5TAN
>
>
>
No virus found in this message. Checked by
AVG - http://www.avg.com/ Version:
2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13
No virus found in this
message.

Checked by AVG - http://www.avg.com/
Version: 2013.0.3408 / Virus
Database: 3222/6665 - Release Date: 09/14/13

# 20807. The MDSR Team releases IF-DSP software MDSR V2.7

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-08 16:13:14 UTC
From: <alexschwarz237@...>
Topic: 20807  Message: 20807

Hi Everybody;

The MDSR Team has just launched the next edition of the popular MDSR IF-DSP software V2.7.

Please see the software manual at:
http://www3.telus.net/public/bc237/MDSR/Software%20Manual%20MDSR-J.pdf
http://www3.telus.net/public/bc237/MDSR/Software%20Manual%20MDSR-J.pdf

There are two version of the MDSR setup program. There is a light version which includes the basic setup with MDSR-SA, OmniRig and an updated MDSR.jar application. If you already run the MDSR V2.6 with all the additional applications like fldigi, VLAN and Dream use this version to upgrade your MDSR application to V2.7.

http://www3.telus.net/public/bc237/MDSR/MDSR-Win32-Setup.exe
http://www3.telus.net/public/bc237/MDSR/MDSR-Win32-Setup.exe

If you have not MDSR on your computer please download the full version 2.7.

http://www3.telus.net/public/bc237/MDSR/MDSR-Win32-Setup-Full.exe
http://www3.telus.net/public/bc237/MDSR/MDSR-Win32-Setup-Full.exe

Note: Please back up your current configuration with the profile manager accessible from the MDSR-SA by clicking on the “Disk” icon (left bottom) before updating. The upgrading process has been tested and does not interfere with your current setup, but it is better to play it save.

What’s New?
· Integrated level meters to tune the MDSR
· Upgraded IF ACG system for even cleaner sound
· VOX control for PTT operation
· BFO tuning function
· Bug fixes and a newly updated MDSR manual included in the setup.

For more and detailed instruction please refer the MDSR and MDSR-SA user manuals.

All the best and 73;

The MDSR Team
http://users.skynet.be/myspace/mdsr

PS: comments are always welcome

# 20808. Neo look Yahoogroups

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-13 05:22:52 UTC
From: Paul
Topic: 20808  Message: 20808

If you are using Firefox and detest the new Neo look to Yahoogroups web interface there's a plugin
available that reverts everything back to the old style, no idea how it works but it does! I'm using
it here, no alarms bells sounded when I installed it, can't see anything dodgy about it and all
reviews are good. http://ehibbert.org.uk/extension/install.html

Paul
www.ukdx.org.uk
www.youtube.com/Aceblaggard

# 20809. Re: Neo look Yahoogroups

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-13 16:43:38 UTC
From: voip10
Topic: 20808  Message: 20809

Fantastic! Yahoo groups are usable again in the pre-Neo format :-)) Neo just doesn't do it for me!!! I've pretty much stopped using Yahoo Groups because of Neo.

--- In ic706@yahoogroups.com, Paul <yahoolists@...> wrote:
>
> If you are using Firefox and detest the new Neo look to Yahoogroups web interface there's a plugin
> available that reverts everything back to the old style, no idea how it works but it does! I'm using
> it here, no alarms bells sounded when I installed it, can't see anything dodgy about it and all
> reviews are good. http://ehibbert.org.uk/extension/install.html
>
> Paul
> www.ukdx.org.uk
> www.youtube.com/Aceblaggard
>

# 20810. Re: [ic706] Neo look Yahoogroups

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-13 22:14:38 UTC
From: John Geiger
Topic: 20808  Message: 20810

Thanks Paul, will give it a try. I hate the new look of Yahoogroups. What were they thinking? Cant anyone just leave well enough alone?

73 John AF5CC

----- Original Message -----
From: Paul
To: ic706@yahoogroups.com ; ICOM-R8500@yahoogroups.com ; PCR1000@yahoogroups.com
Sent: Sunday, October 13, 2013 5:22 AM
Subject: [ic706] Neo look Yahoogroups

If you are using Firefox and detest the new Neo look to Yahoogroups web interface there's a plugin
available that reverts everything back to the old style, no idea how it works but it does! I'm using
it here, no alarms bells sounded when I installed it, can't see anything dodgy about it and all
reviews are good. http://ehibbert.org.uk/extension/install.html

Paul
www.ukdx.org.uk
www.youtube.com/Aceblaggard

# 20811. Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 18:35:36 UTC
From: John Geiger
Topic: 20811  Message: 20811

I have an Icom 706MKIIG I picked up recently, and I installed the FL101 250hz CW filter in it. It seems to have more filter blowby than the 706 original and 706MKII models I have used in the past. I can hear loud stations several KCs away with the filter in line. Is this common for the MKIIG series? Also, the FL101 seems to knock down the receive levels more than I remember it doing in the 706MKII I had recently (also with a FL101 installed). On some bands it seems that I have to really crank up the audio to hear some things (and this is with headphones). I know the filter is working somewhat, at least, because I am receiving things with it in line.

73 John AF5CC

# 20812. Re: [ic706] Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 18:52:14 UTC
From: LARRY J. FORD
Topic: 20811  Message: 20812

Bad filter?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 15 Oct 2013 02:35:59 PM EDT
From: John Geiger <af5cc@...>
To: ICOM Reflector <icom@...>, ic-706MKIIG@yahoogroups.com,
ic706@yahoogroups.com
Subject: [ic706] Icom 706MKIIG and filter issue?

> I have an Icom 706MKIIG I picked up recently, and I installed the FL101
> 250hz CW filter in it. It seems to have more filter blowby than the 706
> original and 706MKII models I have used in the past. I can hear loud
> stations several KCs away with the filter in line. Is this common for the
> MKIIG series? Also, the FL101 seems to knock down the receive levels more
> than I remember it doing in the 706MKII I had recently (also with a FL101
> installed). On some bands it seems that I have to really crank up the
> audio to hear some things (and this is with headphones). I know the filter
> is working somewhat, at least, because I am receiving things with it in
> line.
>
> 73 John AF5CC
>

# 20813. Re: [ic706] Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 19:10:53 UTC
From: Mark Brueggemann
Topic: 20811  Message: 20813

From: John Geiger <af5cc@...>

> I can hear loud stations several KCs away with the filter in line.

What's the antenna?  Could it be you're picking intermod products?  Does it do this with a different filter?

Mark K5LXP
Albuquerque, NM

# 20814. Re: [ic706] Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 19:26:24 UTC
From: John Geiger
Topic: 20811  Message: 20814

This is the same antenna I have used with other radios, and don't remember the blowby as bad. It is a G5RV type antenna I homebrewed.

73 John AF5CC

On Tue, Oct 15, 2013 at 2:10 PM, Mark Brueggemann <qrq_cw@...> wrote:

> **
>
>
>
>
> From: John Geiger <af5cc@...>
>
> > I can hear loud stations several KCs away with the filter in line.
>
> What's the antenna? Could it be you're picking intermod products? Does
> it do this with a different filter?
>
> Mark K5LXP
> Albuquerque, NM
>
>

# 20815. Re: [ic706] Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 20:41:26 UTC
From: Mark Brueggemann
Topic: 20811  Message: 20815

From: John Geiger <af5cc@...>

> This is the same antenna I have used with other radios,

It's not so much an antenna issue but a "feature" of the 706 of being easily overloaded.

A quick test would be to enable the attenuator and see if the symptoms change.  I know blowby is different than IMD but it's a quick and easy test to see if that's what you're hearing.

Mark K5LXP
Albuquerque, NM

# 20816. Re: [ic706] Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-15 21:38:57 UTC
From: John Geiger
Topic: 20811  Message: 20816

Hi Mark,

I turned off the preamp and still heard W1AW on 17m about 3 kcs away. Tried it without the filter and still hearing them that far away. That is with the NB off also.

73 John AF5CC

----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Tuesday, October 15, 2013 8:41 PM
Subject: Re: [ic706] Icom 706MKIIG and filter issue?

From: John Geiger <af5cc@...>

> This is the same antenna I have used with other radios,

It's not so much an antenna issue but a "feature" of the 706 of being easily overloaded.

A quick test would be to enable the attenuator and see if the symptoms change. I know blowby is different than IMD but it's a quick and easy test to see if that's what you're hearing.

Mark K5LXP
Albuquerque, NM

# 20817. Re: Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-16 07:51:34 UTC
From: rob223112
Topic: 20811  Message: 20817

I had both a Mk2 and Mk2G. Using the same filter in each rig I noticed the same thing. Signals would get round the filter in the 2G, but not when the same filter was placed in the Mk2. Guess they may have changed the board layout or filter matching in the later set.

--- In ic706@yahoogroups.com, John Geiger <af5cc@...> wrote:
>
> I have an Icom 706MKIIG I picked up recently, and I installed the FL101
> 250hz CW filter in it. It seems to have more filter blowby than the 706
> original and 706MKII models I have used in the past. I can hear loud
> stations several KCs away with the filter in line. Is this common for the
> MKIIG series? Also, the FL101 seems to knock down the receive levels more
> than I remember it doing in the 706MKII I had recently (also with a FL101
> installed). On some bands it seems that I have to really crank up the
> audio to hear some things (and this is with headphones). I know the filter
> is working somewhat, at least, because I am receiving things with it in
> line.
>
> 73 John AF5CC
>

# 20818. Re: [ic706] Re: Icom 706MKIIG and filter issue?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-16 14:12:54 UTC
From: John Geiger
Topic: 20811  Message: 20818

Hi Rob,

Thanks for the feedback, it is good to know that my radio isn't unique in this situation.

73 John AF5CC

----- Original Message -----
From: rob223112
To: ic706@yahoogroups.com
Sent: Wednesday, October 16, 2013 7:51 AM
Subject: [ic706] Re: Icom 706MKIIG and filter issue?

I had both a Mk2 and Mk2G. Using the same filter in each rig I noticed the same thing. Signals would get round the filter in the 2G, but not when the same filter was placed in the Mk2. Guess they may have changed the board layout or filter matching in the later set.

--- In ic706@...m, John Geiger <af5cc@...> wrote:
>
> I have an Icom 706MKIIG I picked up recently, and I installed the FL101
> 250hz CW filter in it. It seems to have more filter blowby than the 706
> original and 706MKII models I have used in the past. I can hear loud
> stations several KCs away with the filter in line. Is this common for the
> MKIIG series? Also, the FL101 seems to knock down the receive levels more
> than I remember it doing in the 706MKII I had recently (also with a FL101
> installed). On some bands it seems that I have to really crank up the
> audio to hear some things (and this is with headphones). I know the filter
> is working somewhat, at least, because I am receiving things with it in
> line.
>
> 73 John AF5CC
>

# 20819. PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-20 18:50:58 UTC
From: <KJ4UAU@...>
Topic: 20819  Message: 20819

Hey everybody
I have a 706 MKII and am interested in hopoking it up to my poc via HRD or some other software. What kind of cabling do i need? is there an information source i can use? thanks in advance.

KJ4UAU
Little Arthur

# 20820. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-20 21:47:53 UTC
From: Ralph Mowery
Topic: 20819  Message: 20820

You can get an Icom cable for around $ 100.  I would look on ebay and get a cable there. Depending on your computer needing a usb or rs232 cable.

Here is one example of the ebay number for the usb:
310761306494
another one from China that cost less;
280651631055

Here is an example for the rs232 :
310773317663

Just search for Icom ci-v cable and take your choice.  They run from about $ 10 up.
Many of the Icoms use the same cable.

>_____
>From: "KJ4UAU@QSL.NET" <KJ4UAU@...>
>To: ic706@yahoogroups.com
>Sent: Sunday, October 20, 2013 2:50 PM
>Subject: [ic706] PC hookup
>
>
>
>
>
>Hey everybody
>
>    I have a 706 MKII and am interested in hopoking it up to my poc via HRD or some other software. What kind of cabling do i need? is there an information source i can use? thanks in advance.
>
>KJ4UAU
>Little Arthur
>
>
>

# 20821. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-21 03:23:19 UTC
From: Mike Urso
Topic: 20819  Message: 20821

A simple CT-17 converter will let it talk to your computer. Usually less that $20.

de K9FE Mike

----- Original Message -----
From: KJ4UAU@...
To: ic706@yahoogroups.com
Sent: Sunday, October 20, 2013 1:50:58 PM
Subject: [ic706] PC hookup

Hey everybody

I have a 706 MKII and am interested in hopoking it up to my poc via HRD or some other software. What kind of cabling do i need? is there an information source i can use? thanks in advance.

KJ4UAU
Little Arthur

# 20822. Looking for FL100 500hz filter

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-21 15:20:56 UTC
From: John Geiger
Topic: 20822  Message: 20822

I am looking for an Icom FL-100 500hz CW filter to go in an Icom 706MKIIG I recently picked up. I tried the FL101 250hz filter in it and just don't like the way it sounds with that narrow of a filter, so would like to go back to the 500hz one (just sold one recently). Let me know if you have one for sale,and we can work out the details
.
73 John AF5CC

# 20823. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-29 21:23:14 UTC
From: Michael Vondran
Topic: 20819  Message: 20823

Avoid any cable that uses a prolific chipset or chinese knockoff.  Use one that uses a FTDI chipset.

On Sunday, October 20, 2013 11:23 PM, Mike Urso <k9fe@...> wrote:

A simple CT-17 converter will let it talk to your computer.  Usually less that $20.

de K9FE Mike

---
From: KJ4UAU@...
To: ic706@yahoogroups.com
Sent: Sunday, October 20, 2013 1:50:58 PM
Subject: [ic706] PC hookup

Hey everybody

    I have a 706 MKII and am interested in hopoking it up to my poc via HRD or some other software. What kind of cabling do i need? is there an information source i can use? thanks in advance.

KJ4UAU
Little Arthur

# 20824. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-29 23:28:15 UTC
From: Mike Urso
Topic: 20819  Message: 20824

YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!

----- Original Message -----
From: "Michael Vondran" <locutus_of_texas@yahoo.com>
To: ic706@yahoogroups.com
Sent: Tuesday, October 29, 2013 4:23:14 PM
Subject: Re: [ic706] PC hookup

Avoid any cable that uses a prolific chipset or chinese knockoff. Use one that uses a FTDI chipset.

On Sunday, October 20, 2013 11:23 PM, Mike Urso <k9fe@...> wrote:

A simple CT-17 converter will let it talk to your computer. Usually less that $20.

de K9FE Mike

From: KJ4UAU@...
To: ic706@yahoogroups.com
Sent: Sunday, October 20, 2013 1:50:58 PM
Subject: [ic706] PC hookup

Hey everybody

I have a 706 MKII and am interested in hopoking it up to my poc via HRD or some other software. What kind of cabling do i need? is there an information source i can use? thanks in advance.

KJ4UAU
Little Arthur

# 20825. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-30 01:11:11 UTC
From: LARRY J. FORD
Topic: 20819  Message: 20825

I purchased the following from Amazon, it installed and works perfectly under WIN 7 PRO (64 bit) with an "original" IC-706 running HRD/DM-780 and other soundcard digital modes and programs:

http://www.amazon.com/Interface-IC-7000-Chipset-Supports-Windows/dp/B004L0T4UM#productDetails

FTDI chipset.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 29 Oct 2013 07:28:40 PM EDT
From: Mike Urso <k9fe@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] PC hookup

> YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!
>
> ----- Original Message -----
> From: "Michael Vondran" <locutus_of_texas@...>
> To: ic706@yahoogroups.com
> Sent: Tuesday, October 29, 2013 4:23:14 PM
> Subject: Re: [ic706] PC hookup
>
>
>
>
>
>
>
> Avoid any cable that uses a prolific chipset or chinese knockoff. Use one that uses a FTDI chipset.
>
>
>
>
>
>
>
>
>
> On Sunday, October 20, 2013 11:23 PM, Mike Urso <k9fe@comcast.net> wrote:
>
>

>
>
>
>
>
> A simple CT-17 converter will let it talk to your computer. Usually less
that $20.
>
> de K9FE Mike
>
>
>
> From: KJ4UAU@...
> To: ic706@yahoogroups.com
> Sent: Sunday, October 20, 2013 1:50:58 PM
> Subject: [ic706] PC hookup
>
>
>
>
>
>
>
> Hey everybody
>
> I have a 706 MKII and am interested in hopoking it up to my poc via HRD or
some other software. What kind of cabling do i need? is there an information
source i can use? thanks in advance.
>
> KJ4UAU
> Little Arthur
>
>
>
>
>
>
>
>
>
>
>

# 20826. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-30 09:48:00 UTC
From: David Stinson
Topic: 20819  Message: 20826

----- Original Message -----
From: "Mike Urso" <k9fe@...>

>YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!

What's "FTDI," and how do I tell if a cable is "FTDI" or not?

# 20827. Re: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-30 20:39:17 UTC
From: LARRY J. FORD
Topic: 20819  Message: 20827

FTDI is "chipset" brand name and the specs for the device will (or should)
tell what what chipset is used in a Serial-to-USB converter, or in a
CI-V-to-USB control cable for ICOM rigs.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 30 Oct 2013 05:48:15 AM EDT
From: "David Stinson" <arc5@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] PC hookup

>
> ----- Original Message -----
> From: "Mike Urso" <k9fe@comcast.net>
>
> >YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!
>
> What's "FTDI," and how do I tell if a cable is "FTDI" or not?
>
>
>

# 20828. RE: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-30 14:02:10 UTC
From: tom armour
Topic: 20819  Message: 20828

I use the one from g4zlp:http://www.g4zlp.co.uk/unified/IcomCAT.shtml
Scroll down to the FTDI Dongle, its about $12US. You have to buy each cable for different radios for about $14US, but the dongle works with all the cables which works with just about any radio ever made with a computer interface. I use the same dongle with my IC-706 and my FT-890at (made ~1990).

That and I would rather support a HAM than some random company from china.

Tom - wa4ta

To: ic706@yahoogroups.com
From: arc5@...
Date: Wed, 30 Oct 2013 04:48:00 -0500
Subject: Re: [ic706] PC hookup

----- Original Message -----

From: "Mike Urso" <k9fe@...>

>YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!

What's "FTDI," and how do I tell if a cable is "FTDI" or not?

# 20829. RE: [ic706] PC hookup

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-30 21:19:53 UTC
From: LARRY J. FORD
Topic: 20819  Message: 20829

FTDI is a UK company, not some "random company in China."

Valley Enterprises, from whence I bought the CI-V-to-USB cable with the FTDI chipset that I posted to this list recently, is an Idaho-based Company.

Larry J. Ford
K4AEC (ex KG4GPJ)

------ Original Message ------
Received: Wed, 30 Oct 2013 05:07:31 PM EDT
From: tom armour <wa4ta@...>
To: ic706@yahoogroups.com
Subject: RE: [ic706] PC hookup

> I use the one from g4zlp:http://www.g4zlp.co.uk/unified/IcomCAT.shtml
> Scroll down to the FTDI Dongle, its about $12US. You have to buy each cable for different radios for about $14US, but the dongle works with all the cables which works with just about any radio ever made with a computer interface. I use the same dongle with my IC-706 and my FT-890at (made ~1990).
>
> That and I would rather support a HAM than some random company from china.
>
> Tom - wa4ta
>
> To: ic706@yahoogroups.com
> From: arc5@...
> Date: Wed, 30 Oct 2013 04:48:00 -0500
> Subject: Re: [ic706] PC hookup
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>
>

> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> ----- Original Message -----
> -----
> From: "Mike Urso" <k9fe@...>
> -----
> -----
> -----
> >YES....save yourself some grief, make sure it is an FTDI! Thanks Michael!
> -----
> -----
> -----
> What's "FTDI," and how do I tell if a cable is "FTDI" or not?
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----
> -----

# 20830. Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 14:38:12 UTC
From: Ron Lawrence
Topic: 20830  Message: 20830

Does anyone know if there's ever been a remote display
for the ic706?
I'm really enjoying using my 706 in the mobile but it's
dangerous to look at the display, the ham radio version
od "texting" I guess.
I have the radio mounted on the hump right in front of the
seat where I can easily just lay my hand on and tune, but
if I need to look at the display it dangerous.
If I had a remote display I could mount on top of the dash
it would be much easier just to glance at the freq display.

A heads up display would be GREAT.

I'm loving HF mobile using the 706, I get great signal reports
on it just using the barefoot 706 and a used Pozy Screwdriver.
After I found the problem in the screwdriver installation with
the help of a couple friends KT4TF and N4ILK, the screwdriver
now works great.
Except for having a hard time busting through a DX pileup, if
I can hear someone I can usually work them. My best contact
so far is a VK4 in Australia, not bad for a 100 watt mobile
and this was before I found the problem with the antenna and
my SWR was about 2:1...

If you hear W4RON give me a call.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20831. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 15:03:17 UTC
From: John Geiger
Topic: 20830  Message: 20831

Hi Ron,

You could use the separation kit to mount the faceplate right in front of you.

73 John AF5CC

----- Original Message -----
From: Ron Lawrence
To: ic706@yahoogroups.com
Sent: Thursday, October 31, 2013 2:38 PM
Subject: [ic706] Remote 706 display in mobile

Does anyone know if there's ever been a remote display
for the ic706?
I'm really enjoying using my 706 in the mobile but it's
dangerous to look at the display, the ham radio version
od "texting" I guess.
I have the radio mounted on the hump right in front of the
seat where I can easily just lay my hand on and tune, but
if I need to look at the display it dangerous.
If I had a remote display I could mount on top of the dash
it would be much easier just to glance at the freq display.

A heads up display would be GREAT.

I'm loving HF mobile using the 706, I get great signal reports
on it just using the barefoot 706 and a used Pozy Screwdriver.
After I found the problem in the screwdriver installation with
the help of a couple friends KT4TF and N4ILK, the screwdriver
now works great.
Except for having a hard time busting through a DX pileup, if
I can hear someone I can usually work them. My best contact
so far is a VK4 in Australia, not bad for a 100 watt mobile
and this was before I found the problem with the antenna and
my SWR was about 2:1...

If you hear W4RON give me a call.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20832. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 15:57:28 UTC
From: LARRY J. FORD
Topic: 20830  Message: 20832

I take it, then, you've never detached the control head from the main body of the 706?

Facing the unit, there's a latch on the left side of the control head that allows the control head to detach from the main body.

Plug the "optional" (OPC-581, shown in back of 706 manual) separation cable into the back of the control head, and you can put the control head/display up to 11.5 feet away from the main body.

I have the main body of my IC-706MKII mounted in the back of my CR-V with a tuner and near the feed point of the antenna mount on the rear door, with the control head on the console on a LIDO mount next to me.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 31 Oct 2013 10:38:28 AM EDT
From: Ron Lawrence <W4RON@carolina.rr.com>
To: ic706@yahoogroups.com
Subject: [ic706] Remote 706 display in mobile

> Does anyone know if there's ever been a remote display
> for the ic706?
> I'm really enjoying using my 706 in the mobile but it's
> dangerous to look at the display, the ham radio version
> od "texting" I guess.
> I have the radio mounted on the hump right in front of the
> seat where I can easily just lay my hand on and tune, but
> if I need to look at the display it dangerous.
> If I had a remote display I could mount on top of the dash
> it would be much easier just to glance at the freq display.
>
> A heads up display would be GREAT.
>
> I'm loving HF mobile using the 706, I get great signal reports
> on it just using the barefoot 706 and a used Pozy Screwdriver.
> After I found the problem in the screwdriver installation with
> the help of a couple friends KT4TF and N4ILK, the screwdriver
> now works great.
> Except for having a hard time busting through a DX pileup, if
> I can hear someone I can usually work them. My best contact
> so far is a VK4 in Australia, not bad for a 100 watt mobile
> and this was before I found the problem with the antenna and
> my SWR was about 2:1...

>
> If you hear W4RON give me a call.
>
>
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>
>

# 20833. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 16:15:14 UTC
From: Ron Lawrence
Topic: 20830  Message: 20833

Yeah I'm not stupid, I know how to detach the control head, but that
doesn't help my problem, I like where the tuning knob is when the
radio with it's control head attached and mounted on the console
right in front of the seat. What I would like to have is a remote
display to mount on the dash so I don't have to look down at it
to tell what freq I'm on. Having the knob up on the dash would be
a real pain.
Just a remote display is all I'm looking for. I lots of people
made freq displays for early analog rigs like the TS-520 and the
FT-101Es.

R-

---- "LARRY J. FORD" <lford@...> wrote:
> I take it, then, you've never detached the control head from the main body of
> the 706?
>
> Facing the unit, there's a latch on the left side of the control head that
> allows the control head to detach from the main body.
>
> Plug the "optional" (OPC-581, shown in back of 706 manual) separation cable
> into the back of the control head, and you can put the control head/display up
> to 11.5 feet away from the main body.
>
> I have the main body of my IC-706MKII mounted in the back of my CR-V with a
> tuner and near the feed point of the antenna mount on the rear door, with the
> control head on the console on a LIDO mount next to me.
>
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: Thu, 31 Oct 2013 10:38:28 AM EDT
> From: Ron Lawrence <W4RON@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Remote 706 display in mobile
>
> > Does anyone know if there's ever been a remote display
> > for the ic706?
> > I'm really enjoying using my 706 in the mobile but it's
> > dangerous to look at the display, the ham radio version
> > od "texting" I guess.

> > I have the radio mounted on the hump right in front of the
> > seat where I can easily just lay my hand on and tune, but
> > if I need to look at the display it dangerous.
> > If I had a remote display I could mount on top of the dash
> > it would be much easier just to glance at the freq display.
> >
> > A heads up display would be GREAT.
> >
> > I'm loving HF mobile using the 706, I get great signal reports
> > on it just using the barefoot 706 and a used Pozy Screwdriver.
> > After I found the problem in the screwdriver installation with
> > the help of a couple friends KT4TF and N4ILK, the screwdriver
> > now works great.
> > Except for having a hard time busting through a DX pileup, if
> > I can hear someone I can usually work them. My best contact
> > so far is a VK4 in Australia, not bad for a 100 watt mobile
> > and this was before I found the problem with the antenna and
> > my SWR was about 2:1...
> >
> > If you hear W4RON give me a call.
> >
> >
> >
> > --
> > 73, RON w4ron
> > http://radioheaven.homestead.com/menu.html
> >
> > My YouTUBE channel
> > http://www.youtube.com/user/w4ron
> >
> >
> >
> >
>
>

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20834. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 16:29:26 UTC
From: mikerodgerske5gbc@...
Topic: 20830  Message: 20834

You'll probably need a icom 7000 for that.

73
Mike R

It's just the night
- The Del Mccury Band

On Oct 31, 2013, at 11:15 AM, Ron Lawrence <W4RON@...> wrote:

> Yeah I'm not stupid, I know how to detach the control head, but that
> doesn't help my problem, I like where the tuning knob is when the
> radio with it's control head attached and mounted on the console
> right in front of the seat. What I would like to have is a remote
> display to mount on the dash so I don't have to look down at it
> to tell what freq I'm on. Having the knob up on the dash would be
> a real pain.
> Just a remote display is all I'm looking for. I lots of people
> made freq displays for early analog rigs like the TS-520 and the
> FT-101Es.
>
> R-
>
> ---- "LARRY J. FORD" <lford@...> wrote:
> > I take it, then, you've never detached the control head from the main body of
> > the 706?
> >
> > Facing the unit, there's a latch on the left side of the control head that
> > allows the control head to detach from the main body.
> >
> > Plug the "optional" (OPC-581, shown in back of 706 manual) separation cable
> > into the back of the control head, and you can put the control head/display up
> > to 11.5 feet away from the main body.
> >
> > I have the main body of my IC-706MKII mounted in the back of my CR-V with a
> > tuner and near the feed point of the antenna mount on the rear door, with the
> > control head on the console on a LIDO mount next to me.
> >
> >
> > Larry J. Ford
> > K4AEC
> >
> >
> >
> > ------ Original Message ------
> > Received: Thu, 31 Oct 2013 10:38:28 AM EDT

> > From: Ron Lawrence <W4RON@carolina.rr.com>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Remote 706 display in mobile
> >
> > > Does anyone know if there's ever been a remote display
> > > for the ic706?
> > > I'm really enjoying using my 706 in the mobile but it's
> > > dangerous to look at the display, the ham radio version
> > > od "texting" I guess.
> > > I have the radio mounted on the hump right in front of the
> > > seat where I can easily just lay my hand on and tune, but
> > > if I need to look at the display it dangerous.
> > > If I had a remote display I could mount on top of the dash
> > > it would be much easier just to glance at the freq display.
> > >
> > > A heads up display would be GREAT.
> > >
> > > I'm loving HF mobile using the 706, I get great signal reports
> > > on it just using the barefoot 706 and a used Pozy Screwdriver.
> > > After I found the problem in the screwdriver installation with
> > > the help of a couple friends KT4TF and N4ILK, the screwdriver
> > > now works great.
> > > Except for having a hard time busting through a DX pileup, if
> > > I can hear someone I can usually work them. My best contact
> > > so far is a VK4 in Australia, not bad for a 100 watt mobile
> > > and this was before I found the problem with the antenna and
> > > my SWR was about 2:1...
> > >
> > > If you hear W4RON give me a call.
> > >
> > >
> > >
> > > --
> > > 73, RON w4ron
> > > http://radioheaven.homestead.com/menu.html
> > >
> > > My YouTUBE channel
> > > http://www.youtube.com/user/w4ron
> > >
> > >
> > >
> > >
> >
> >
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel

> http://www.youtube.com/user/w4ron
>
>
>

# 20835. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 16:32:57 UTC
From: LARRY J. FORD
Topic: 20830  Message: 20835

Well, of course, you're "not stupid," as your website proclaims your membership in MENSA!

However, I wasn't the only one who responded in accordance with the Subject Line "Remote 706 display in mobile" with reference to detaching the control head.

Now that we know what you are actually talking about, there was a third-party external "display-only" for the IC-7000, marketed on various ham sites, e-Bay, etc., which, as I recall, had a stand-alone, 7-inch LCD display that replicated the display on the IC-7000 itself.

However, the IC-7000 has, I believe, a digital video output port of some sort that digital LCD display plugged into, and the IC-7000 was apparently designed to accommodate an external display.

In all my years of 706 ownership, I've never seen any similar device for the 706. The closest to what you want that I've seen is something like Ham Radio Deluxe which, when running on a PC connected to the 706 via the CI-V port (which is a serial port, I believe), will display certain limited parameters such as frequency and a few other items.

That might provide a starting point for the MENSA crowd to "whip-up" a solution.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 31 Oct 2013 12:15:32 PM EDT
From: Ron Lawrence <W4RON@carolina.rr.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Remote 706 display in mobile

> Yeah I'm not stupid, I know how to detach the control head, but that
> doesn't help my problem, I like where the tuning knob is when the
> radio with it's control head attached and mounted on the console
> right in front of the seat. What I would like to have is a remote
> display to mount on the dash so I don't have to look down at it
> to tell what freq I'm on. Having the knob up on the dash would be
> a real pain.
> Just a remote display is all I'm looking for. I lots of people
> made freq displays for early analog rigs like the TS-520 and the
> FT-101Es.
>
> R-
>

> ---- "LARRY J. FORD" <lford@...> wrote:
> > I take it, then, you've never detached the control head from the main body
of
> > the 706?
> >
> > Facing the unit, there's a latch on the left side of the control head
that
> > allows the control head to detach from the main body.
> >
> > Plug the "optional" (OPC-581, shown in back of 706 manual) separation
cable
> > into the back of the control head, and you can put the control
head/display up
> > to 11.5 feet away from the main body.
> >
> > I have the main body of my IC-706MKII mounted in the back of my CR-V with
a
> > tuner and near the feed point of the antenna mount on the rear door, with
the
> > control head on the console on a LIDO mount next to me.
> >
> >
> > Larry J. Ford
> > K4AEC
> >
> >
> >
> > ------ Original Message ------
> > Received: Thu, 31 Oct 2013 10:38:28 AM EDT
> > From: Ron Lawrence <W4RON@...>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Remote 706 display in mobile
> >
> > > Does anyone know if there's ever been a remote display
> > > for the ic706?
> > > I'm really enjoying using my 706 in the mobile but it's
> > > dangerous to look at the display, the ham radio version
> > > od "texting" I guess.
> > > I have the radio mounted on the hump right in front of the
> > > seat where I can easily just lay my hand on and tune, but
> > > if I need to look at the display it dangerous.
> > > If I had a remote display I could mount on top of the dash
> > > it would be much easier just to glance at the freq display.
> > >
> > > A heads up display would be GREAT.
> > >
> > > I'm loving HF mobile using the 706, I get great signal reports
> > > on it just using the barefoot 706 and a used Pozy Screwdriver.
> > > After I found the problem in the screwdriver installation with
> > > the help of a couple friends KT4TF and N4ILK, the screwdriver

> > > now works great.
> > > Except for having a hard time busting through a DX pileup, if
> > > I can hear someone I can usually work them. My best contact
> > > so far is a VK4 in Australia, not bad for a 100 watt mobile
> > > and this was before I found the problem with the antenna and
> > > my SWR was about 2:1...
> > >
> > > If you hear W4RON give me a call.
> > >
> > >
> > >
> > > --
> > > 73, RON w4ron
> > > http://radioheaven.homestead.com/menu.html
> > >
> > > My YouTUBE channel
> > > http://www.youtube.com/user/w4ron
> > >
> > >
> > >
> > >
> >
> >
>
> --
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
> My YouTUBE channel
> http://www.youtube.com/user/w4ron
>
>
>
>

# 20836. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 19:04:26 UTC
From: Mark Brueggemann
Topic: 20830  Message: 20836

From: Ron Lawrence <W4RON@...>

> Does anyone know if there's ever been a remote display
> for the ic706?

There's no direct interface for the display, but the frequency and a lot of the indicators on the display can be queried through the CIV port.  Seems a straightforward approach would be to have a PIC or similar processor send the appropriate CIV commands and write the result to an off the shelf serial LCD.  Might have a bit of latency but most info is fairly static.

Another option is a small tablet or laptop PC running any one of the available rig control programs.

I've run a fair amount of mobile operating with the 706 and agree that the display could be larger.  I work around it by creating logical groups of memories that set a center frequency, mode, etc and rarely need to access any of the menus.

Mark K5LXP
Albuquerque, NM

# 20837. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 20:13:58 UTC
From: R Blackman
Topic: 20830  Message: 20837

If I remember correctly, a number of years ago in CQ magazine, the was a sort blurb and photo of a ham who wired his Icom right into the car display on the center console. Quite amazing. You will have to search CQ, and maybe contact the ham involved, for ideas. Only will work if your car already has a built in display.....

Richard VA3NDO

----- Original Message -----
From: Mark Brueggemann
To: ic706@yahoogroups.com
Sent: Thursday, October 31, 2013 3:04 PM
Subject: Re: [ic706] Remote 706 display in mobile

From: Ron Lawrence <W4RON@...>

> Does anyone know if there's ever been a remote display
> for the ic706?

There's no direct interface for the display, but the frequency and a lot of the indicators on the display can be queried through the CIV port. Seems a straightforward approach would be to have a PIC or similar processor send the appropriate CIV commands and write the result to an off the shelf serial LCD. Might have a bit of latency but most info is fairly static.

Another option is a small tablet or laptop PC running any one of the available rig control programs.

I've run a fair amount of mobile operating with the 706 and agree that the display could be larger. I work around it by creating logical groups of memories that set a center frequency, mode, etc and rarely need to access any of the menus.

Mark K5LXP
Albuquerque, NM

# 20838. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 20:19:01 UTC
From: LARRY J. FORD
Topic: 20830  Message: 20838

And I'll bet "dollars to donuts" that was an IC-7000.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 31 Oct 2013 04:07:18 PM EDT
From: R Blackman <richard.blackman@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Remote 706 display in mobile

> If I remember correctly, a number of years ago in CQ magazine, the was a
sort blurb and photo of a ham who wired his Icom right into the car display on
the center console. Quite amazing. You will have to search CQ, and maybe
contact the ham involved, for ideas.
> Only will work if your car already has a built in display.......
>
> Richard VA3NDO
>
>
> ----- Original Message -----
> From: Mark Brueggemann
> To: ic706@yahoogroups.com
> Sent: Thursday, October 31, 2013 3:04 PM
> Subject: Re: [ic706] Remote 706 display in mobile
>
>
>
>
>
>
> From: Ron Lawrence <W4RON@...>
>
> > Does anyone know if there's ever been a remote display
> > for the ic706?
>
> There's no direct interface for the display, but the frequency and a lot
of the indicators on the display can be queried through the CIV port. Seems a
straightforward approach would be to have a PIC or similar processor send the
appropriate CIV commands and write the result to an off the shelf serial LCD.
Might have a bit of latency but most info is fairly static.
>
> Another option is a small tablet or laptop PC running any one of the
available rig control programs.
>
> I've run a fair amount of mobile operating with the 706 and agree that the
display could be larger. I work around it by creating logical groups of

memories that set a center frequency, mode, etc and rarely need to access any of the menus.
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>

# 20839. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 17:34:04 UTC
From: Jason Blakley
Topic: 20830  Message: 20839

I would look into building an Arduino controlled LED display to read the frequency right off of the CI-V bus. I am working on an Arduino project and I found several beautiful multisegment LED displays on amazon and eBay for cheap.

I don't have the ham radio Arduino project book that just came out, but you may want to look into it. There may already be a project out there that someone has already coded up.

Just my 2¢
--
Jason
_·_ ·· ···· ···_ ··_ _ _ _

Sent from my iPod

> On Oct 31, 2013, at 12:32 PM, "LARRY J. FORD" <lford@...> wrote:
>
> Well, of course, you're "not stupid," as your website proclaims your
> membership in MENSA!
>
> However, I wasn't the only one who responded in accordance with the Subject
> Line "Remote 706 display in mobile" with reference to detaching the control
> head.
>
> Now that we know what you are actually talking about, there was a third-party
> external "display-only" for the IC-7000, marketed on various ham sites, e-Bay,
> etc., which, as I recall, had a stand-alone, 7-inch LCD display that
> replicated the display on the IC-7000 itself.
>
> However, the IC-7000 has, I believe, a digital video output port of some sort
> that digital LCD display plugged into, and the IC-7000 was apparently designed
> to accommodate an external display.
>
> In all my years of 706 ownership, I've never seen any similar device for the
> 706. The closest to what you want that I've seen is something like Ham Radio
> Deluxe which, when running on a PC connected to the 706 via the CI-V port
> (which is a serial port, I believe), will display certain limited parameters
> such as frequency and a few other items.
>
> That might provide a starting point for the MENSA crowd to "whip-up" a
> solution.
>
> Larry J. Ford
> K4AEC
>
> ------ Original Message ------
> Received: Thu, 31 Oct 2013 12:15:32 PM EDT

> From: Ron Lawrence <W4RON@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Remote 706 display in mobile
>
> > Yeah I'm not stupid, I know how to detach the control head, but that
> > doesn't help my problem, I like where the tuning knob is when the
> > radio with it's control head attached and mounted on the console
> > right in front of the seat. What I would like to have is a remote
> > display to mount on the dash so I don't have to look down at it
> > to tell what freq I'm on. Having the knob up on the dash would be
> > a real pain.
> > Just a remote display is all I'm looking for. I lots of people
> > made freq displays for early analog rigs like the TS-520 and the
> > FT-101Es.
> >
> > R-
> >
> > ---- "LARRY J. FORD" <lford@usa.net> wrote:
> > > I take it, then, you've never detached the control head from the main body
> of
> > > the 706?
> > >
> > > Facing the unit, there's a latch on the left side of the control head
> that
> > > allows the control head to detach from the main body.
> > >
> > > Plug the "optional" (OPC-581, shown in back of 706 manual) separation
> cable
> > > into the back of the control head, and you can put the control
> head/display up
> > > to 11.5 feet away from the main body.
> > >
> > > I have the main body of my IC-706MKII mounted in the back of my CR-V with
> a
> > > tuner and near the feed point of the antenna mount on the rear door, with
> the
> > > control head on the console on a LIDO mount next to me.
> > >
> > >
> > > Larry J. Ford
> > > K4AEC
> > >
> > >
> > >
> > > ------ Original Message ------
> > > Received: Thu, 31 Oct 2013 10:38:28 AM EDT
> > > From: Ron Lawrence <W4RON@...>
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] Remote 706 display in mobile
> > >

> > > > Does anyone know if there's ever been a remote display
> > > > for the ic706?
> > > > I'm really enjoying using my 706 in the mobile but it's
> > > > dangerous to look at the display, the ham radio version
> > > > od "texting" I guess.
> > > > I have the radio mounted on the hump right in front of the
> > > > seat where I can easily just lay my hand on and tune, but
> > > > if I need to look at the display it dangerous.
> > > > If I had a remote display I could mount on top of the dash
> > > > it would be much easier just to glance at the freq display.
> > > >
> > > > A heads up display would be GREAT.
> > > >
> > > > I'm loving HF mobile using the 706, I get great signal reports
> > > > on it just using the barefoot 706 and a used Pozy Screwdriver.
> > > > After I found the problem in the screwdriver installation with
> > > > the help of a couple friends KT4TF and N4ILK, the screwdriver
> > > > now works great.
> > > > Except for having a hard time busting through a DX pileup, if
> > > > I can hear someone I can usually work them. My best contact
> > > > so far is a VK4 in Australia, not bad for a 100 watt mobile
> > > > and this was before I found the problem with the antenna and
> > > > my SWR was about 2:1...
> > > >
> > > > If you hear W4RON give me a call.
> > > >
> > > >
> > > >
> > > > --
> > > > 73, RON w4ron
> > > > http://radioheaven.homestead.com/menu.html
> > > >
> > > > My YouTUBE channel
> > > > http://www.youtube.com/user/w4ron
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > --
> > > 73, RON w4ron
> > > http://radioheaven.homestead.com/menu.html
> > >
> > > My YouTUBE channel
> > > http://www.youtube.com/user/w4ron
> > >
> > >
> > >

> >
>
>

# 20840. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 21:08:01 UTC
From: LARRY J. FORD
Topic: 20830  Message: 20840

Yep, that sounds like a good, conceptual start right there.

Now that I think more about it, but don't have time to research it, the IC-7000 may have had an analog video "Out" port for that stand-alone, third-party digital display.

Either that, or the display unit was able to convert digital signals from the IC-7000.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 31 Oct 2013 05:03:10 PM EDT
From: Jason Blakley <ki4vuo@gmail.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Remote 706 display in mobile

> I would look into building an Arduino controlled LED display to read the frequency right off of the CI-V bus. I am working on an Arduino project and I found several beautiful multisegment LED displays on amazon and eBay for cheap.
>
> I don't have the ham radio Arduino project book that just came out, but you may want to look into it. There may already be a project out there that someone has already coded up.
>
> Just my 2¢
> --
> Jason
> _·_ ·· ···· ··· ··_ _ _ _
>
>
> Sent from my iPod
>
> > On Oct 31, 2013, at 12:32 PM, "LARRY J. FORD" <lford@...> wrote:
> >
> > Well, of course, you're "not stupid," as your website proclaims your
> > membership in MENSA!
> >
> > However, I wasn't the only one who responded in accordance with the Subject
> > Line "Remote 706 display in mobile" with reference to detaching the control
> > head.
> >

> > Now that we know what you are actually talking about, there was a
third-party
> > external "display-only" for the IC-7000, marketed on various ham sites,
e-Bay,
> > etc., which, as I recall, had a stand-alone, 7-inch LCD display that
> > replicated the display on the IC-7000 itself.
> >
> > However, the IC-7000 has, I believe, a digital video output port of some
sort
> > that digital LCD display plugged into, and the IC-7000 was apparently
designed
> > to accommodate an external display.
> >
> > In all my years of 706 ownership, I've never seen any similar device for
the
> > 706. The closest to what you want that I've seen is something like Ham
Radio
> > Deluxe which, when running on a PC connected to the 706 via the CI-V port
> > (which is a serial port, I believe), will display certain limited
parameters
> > such as frequency and a few other items.
> >
> > That might provide a starting point for the MENSA crowd to "whip-up" a
> > solution.
> >
> > Larry J. Ford
> > K4AEC
> >
> > ------ Original Message ------
> > Received: Thu, 31 Oct 2013 12:15:32 PM EDT
> > From: Ron Lawrence <W4RON@...>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] Remote 706 display in mobile
> >
> > > Yeah I'm not stupid, I know how to detach the control head, but that
> > > doesn't help my problem, I like where the tuning knob is when the
> > > radio with it's control head attached and mounted on the console
> > > right in front of the seat. What I would like to have is a remote
> > > display to mount on the dash so I don't have to look down at it
> > > to tell what freq I'm on. Having the knob up on the dash would be
> > > a real pain.
> > > Just a remote display is all I'm looking for. I lots of people
> > > made freq displays for early analog rigs like the TS-520 and the
> > > FT-101Es.
> > >
> > > R-
> > >
> > > ---- "LARRY J. FORD" <lford@...> wrote:
> > > > I take it, then, you've never detached the control head from the main
body

> > of
> > > > the 706?
> > > >
> > > > Facing the unit, there's a latch on the left side of the control head
> > that
> > > > allows the control head to detach from the main body.
> > > >
> > > > Plug the "optional" (OPC-581, shown in back of 706 manual) separation
> > cable
> > > > into the back of the control head, and you can put the control
> > head/display up
> > > > to 11.5 feet away from the main body.
> > > >
> > > > I have the main body of my IC-706MKII mounted in the back of my CR-V
with
> > a
> > > > tuner and near the feed point of the antenna mount on the rear door,
with
> > the
> > > > control head on the console on a LIDO mount next to me.
> > > >
> > > >
> > > > Larry J. Ford
> > > > K4AEC
> > > >
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: Thu, 31 Oct 2013 10:38:28 AM EDT
> > > > From: Ron Lawrence <W4RON@...>
> > > > To: ic706@yahoogroups.com
> > > > Subject: [ic706] Remote 706 display in mobile
> > > >
> > > > > Does anyone know if there's ever been a remote display
> > > > > for the ic706?
> > > > > I'm really enjoying using my 706 in the mobile but it's
> > > > > dangerous to look at the display, the ham radio version
> > > > > od "texting" I guess.
> > > > > I have the radio mounted on the hump right in front of the
> > > > > seat where I can easily just lay my hand on and tune, but
> > > > > if I need to look at the display it dangerous.
> > > > > If I had a remote display I could mount on top of the dash
> > > > > it would be much easier just to glance at the freq display.
> > > > >
> > > > > A heads up display would be GREAT.
> > > > >
> > > > > I'm loving HF mobile using the 706, I get great signal reports
> > > > > on it just using the barefoot 706 and a used Pozy Screwdriver.
> > > > > After I found the problem in the screwdriver installation with
> > > > > the help of a couple friends KT4TF and N4ILK, the screwdriver

> > > > > now works great.
> > > > > Except for having a hard time busting through a DX pileup, if
> > > > > I can hear someone I can usually work them. My best contact
> > > > > so far is a VK4 in Australia, not bad for a 100 watt mobile
> > > > > and this was before I found the problem with the antenna and
> > > > > my SWR was about 2:1...
> > > > >
> > > > > If you hear W4RON give me a call.
> > > > >
> > > > >
> > > > >
> > > > > --
> > > > > 73, RON w4ron
> > > > > http://radioheaven.homestead.com/menu.html
> > > > >
> > > > > My YouTUBE channel
> > > > > http://www.youtube.com/user/w4ron
> > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > >
> > > --
> > > 73, RON w4ron
> > > http://radioheaven.homestead.com/menu.html
> > >
> > > My YouTUBE channel
> > > http://www.youtube.com/user/w4ron
> > >
> > >
> > >
> > >
> >
> >
>

# 20841. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-10-31 21:17:52 UTC
From: R Blackman
Topic: 20830  Message: 20841

Very well could have been an IC-7000.
So long ago I do not recall, only that it was an Icom for mobile .
very cool though!!

/Richard VA3NDO
----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Thursday, October 31, 2013 4:19 PM
Subject: Re: [ic706] Remote 706 display in mobile

And I'll bet "dollars to donuts" that was an IC-7000.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 31 Oct 2013 04:07:18 PM EDT
From: R Blackman <richard.blackman@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Remote 706 display in mobile

> If I remember correctly, a number of years ago in CQ magazine, the was a
sort blurb and photo of a ham who wired his Icom right into the car display on
the center console. Quite amazing. You will have to search CQ, and maybe
contact the ham involved, for ideas.
> Only will work if your car already has a built in display.......
>
> Richard VA3NDO
>
>
> ----- Original Message -----
> From: Mark Brueggemann
> To: ic706@yahoogroups.com
> Sent: Thursday, October 31, 2013 3:04 PM
> Subject: Re: [ic706] Remote 706 display in mobile
>
>
>
>
>
>
> From: Ron Lawrence <W4RON@...>
>
> > Does anyone know if there's ever been a remote display
> > for the ic706?
>

> There's no direct interface for the display, but the frequency and a lot of the indicators on the display can be queried through the CIV port. Seems a straightforward approach would be to have a PIC or similar processor send the appropriate CIV commands and write the result to an off the shelf serial LCD. Might have a bit of latency but most info is fairly static.
>
> Another option is a small tablet or laptop PC running any one of the available rig control programs.
>
> I've run a fair amount of mobile operating with the 706 and agree that the display could be larger. I work around it by creating logical groups of memories that set a center frequency, mode, etc and rarely need to access any of the menus.
>
> Mark K5LXP
> Albuquerque, NM
>
>
>
>

# 20842. No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 04:32:53 UTC
From: ko6r
Topic: 20842  Message: 20842

Variation on an old theme: Now my IC706MkIIG is suddenly dropping the audio on transmit after about a tenth of a second. I've listened to it on another radio, and it's behaving the way my friends have told me it was during a sked.
Only happens on fm on vhf/uhf. On hf, or on vhf/uhf ssb, no problem.
I've tried switching the mike from back to front -- no difference.
No other problems with the radio.

Any ideas gratefully received.

Peter KO6R

# 20843. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 19:45:19 UTC
From: Facility 406 DM09
Topic: 20830  Message: 20843

: Well, of course, you're "not stupid," as your website proclaims your
: membership in MENSA!

Yeah, but look how slack their requirements are...

Kurt

# 20844. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 19:49:35 UTC
From: Facility 406 DM09
Topic: 20830  Message: 20844

"That might provide a starting point for the MENSA crowd to "whip-up" a solution."

How about an unobtrusive pinhole camera and a composite LCD monitor as a pseudo heads-up display? Shouldn't be more than a few bucks off ebay.

Kurt

# 20845. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 20:23:07 UTC
From: Mark Brueggemann
Topic: 20830  Message: 20845

From: Facility 406 DM09 <facility_406@...>

> How about an unobtrusive pinhole camera and a composite
>  LCD monitor as a pseudo heads-up display?

You know, as cheap and ubiquitous as some of that hardware is, you have a valid point.

How 'bout a wifi webcam streaming to a cheap tablet, or better yet a set of Google glasses?

Mark K5LXP
Albuquerque, NM

# 20846. Re: [ic706] Remote 706 display in mobile

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 20:39:50 UTC
From: mikerodgerske5gbc@...
Topic: 20830  Message: 20846

Just don't take your google glasses to the shakey left coast in a motor vehicle anyway.

73
Mike R

It's just the night
- The Del Mccury Band

On Nov 1, 2013, at 3:23 PM, Mark Brueggemann <qrq_cw@...> wrote:

>
>
> From: Facility 406 DM09 <facility_406@...>
>
> > How about an unobtrusive pinhole camera and a composite
> > LCD monitor as a pseudo heads-up display?
>
> You know, as cheap and ubiquitous as some of that hardware is, you have a valid point.
>
> How 'bout a wifi webcam streaming to a cheap tablet, or better yet a set of Google glasses?
>
>
> Mark K5LXP
> Albuquerque, NM
>

# 20847. Re: [ic706] Digest Number 3596

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-02 19:47:59 UTC
From: Ron Lawrence
Topic: 20847  Message: 20847

> 
> : Well, of course, you're "not stupid," as your website proclaims your
> : membership in MENSA!
> 
> Yeah, but look how slack their requirements are...
> 
> Kurt
> 

Well I have no idea what the requirements are now, but when
I was tested in a proctored test session in 1984 I had to take 3
different IQ tests. I think you had to score above the 98 percentile
on at least 2 of the tests. The average minimum IQ is about 130.

But it's all academic now as I've let my membership lapse last year.
The membership fee was $45 a year and since I retired I didn't
think there was any need for it.
I know for a fact it looks real good on a resume, it's funny that
most people I interviewed with didn't know what MENSA was until
they looked it up.

--
73, RON w4ron
http://radioheaven.homestead.com/menu.html

My YouTUBE channel
http://www.youtube.com/user/w4ron

# 20848. Icom CW filters for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-07 02:43:27 UTC
From: John Geiger
Topic: 20848  Message: 20848

I have for sale a couple of Icom CW filter. Each one is $75 shipped. These work in most Icom rigs, but not in the 703/718/707, as they take the 455khz IF filters instead. I have a FL100 500hz CW filter, and the FL101 250h CW filter. I can take paypal/check/MO.

73 John AF5CC

# 20849. WONTED MIC FOR 1C706M2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-08 22:07:07 UTC
From: <vk3vfl@...>
Topic: 20849  Message: 20849

HI, ANY ONE HAVE A SPARE MIC PLEASE LET ME KNOW AS MINE HAS DIED AND ALSO LET ME KNOW PRICE ALSO

THANK YOU

GEOFF

# 20850. Re: [ic706] WONTED MIC FOR 1C706M2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-08 22:21:00 UTC
From: Dennis David
Topic: 20849  Message: 20850

I have a HM-103 in like new condition. $45.00. Includes free shipping in the U.S.

---
Dennis David N6CRJ
Union City Emergency Coordinator (ARES)

DSHR: DavidD_259071
Spotter: #AL92
LOC: 37.59732N

Grid: CM87xo
County: Alameda
CQ: 3 ITU: 6

Red Cross « Search & Rescue
³Make a difference ... Volunteer²

) Mobile: +1 510.612.7393 (Primary)
( Home: +1 510.324.2525 (Home)

* Email: n6crj@...

On 11/8/13, 2:07 PM, "vk3vfl@..." <vk3vfl@...> wrote:

>
>
>
>
>
> HI, ANY ONE HAVE A SPARE MIC PLEASE LET ME KNOW AS MINE HAS DIED AND ALSO LET
> ME KNOW PRICE ALSO
>
>
> THANK YOU
>
> GEOFF
>
>
>
>>>

# 20851. RE:Re: [ic706] WONTED MIC FOR 1C706M2G

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-09 16:02:24 UTC
From: vk3vfl@...
Topic: 20849  Message: 20851

Thanks as i live in Australia i try and get one here,thanks for you help
Geoff

---

From: Dennis David <me@ddavid.com>
To: ic706@yahoogroups.com;
Subject: Re: [ic706] WONTED MIC FOR 1C706M2G
I have a HM-103 in like new condition. $45.00. Includes free shipping in the
U.S.
---
Dennis David N6CRJ
Union City Emergency Coordinator (ARES)
DSHR: DavidD_259071
Spotter: #AL92
LOC: 37.59732N
Grid: CM87xo
County: Alameda
CQ: 3 ITU: 6
Red Cross « Search & Rescue
³Make a difference ... Volunteer²
) Mobile: +1 510.612.7393 (Primary)
( Home: +1 510.324.2525 (Home)
* Email: n6crj@...
On 11/8/13, 2:07 PM, "vk3vfl@bigpond.com" <vk3vfl@...> wrote:
>
>
>
>
>
> HI, ANY ONE HAVE A SPARE MIC PLEASE LET ME KNOW AS MINE HAS DIED AND ALSO LET
> ME KNOW PRICE ALSO
>
>
> THANK YOU
>
> GEOFF
>
>
>
>>>

# 20852. Stream ads in the Yahoo user group's conversation area!

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-09 20:07:09 UTC
From: <alexschwarz237@...>
Topic: 20852  Message: 20852

Hi Everybody;

Yahoo decided to place stream ads into the "Conversation" section. This is highly confusing and misleading.

Please go to this link and voice your displeasure with this method of false advertising.
https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-advertisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73 https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-advertisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73
Also, can you please go to this link and tell Yahoo what you think about the ads in the “conversation” section.
You can further go to:
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
And tell Yahoo what you think and you can also vote to keep Yahoo a pleasant experience and knowledge base, without ads.
If you are a administrator of a group please forward this message to all users in other groups you administer.
Thank you;
Alex
Administrator

MDSRadio Group

# 20853. Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-01 19:26:36 UTC
From: ko6r
Topic: 20842  Message: 20853

Update: Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.
Tried it with a pal on our local repeater, keyed and then counted to 5. He told me heard me say "3".
So, at least the radio is working on FM on 144mHz.
Anyone ever have that same phenomenon, that there's a momentary audio burst, then a dropout, then a return of audio?

Thanks for any input.
Peter KO6R

--- In ic706@yahoogroups.com, "ko6r" <ko6r@...> wrote:
>
> Variation on an old theme: Now my IC706MkIIG is suddenly dropping the audio on transmit after about a tenth of a second. I've listened to it on another radio, and it's behaving the way my friends have told me it was during a sked.
> Only happens on fm on vhf/uhf. On hf, or on vhf/uhf ssb, no problem.
> I've tried switching the mike from back to front -- no difference.
> No other problems with the radio.
>
> Any ideas gratefully received.
>
> Peter KO6R
>

# 20854. Re: [ic706] Stream ads in the Yahoo user group's conversation area!

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-09 20:13:55 UTC
From: Gary Brown
Topic: 20852  Message: 20854

How are they supposed to pay the bills and keep it all "free"?

---
From: "alexschwarz237@..." <alexschwarz237@yahoo.com>
To: ic706@yahoogroups.com
Sent: Saturday, November 9, 2013 3:07 PM
Subject: [ic706] Stream ads in the Yahoo user group's conversation area!

Hi Everybody;

Yahoo decided to place stream ads into the "Conversation" section.
This is highly confusing and misleading.

Please go to this link and voice your displeasure with this method of false
advertising.
https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-adver
tisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73
Also, can you
please go to this link and tell Yahoo what you think about the ads in the
“conversation” section.
You can further go to:
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
And tell Yahoo what you think and you can
also vote to keep Yahoo a pleasant experience and knowledge base, without ads.
If you are a administrator of a group
please forward this message to all users in other groups you administer.
Thank you;
 Alex
Administrator

MDSRadio
Group

# 20855. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-10 09:05:52 UTC
From: Ralph Mowery
Topic: 20842  Message: 20855

Look here.  It may be the capacitor needs adjustment or is loose.

http://www.hialeahradioclub.com/files/IC-706_mods.pdf

From: ko6r <ko6r@yahoo.com>
>To: ic706@yahoogroups.com
>Sent: Friday, November 1, 2013 3:26 PM
>Subject: [ic706] Re: No audio when transmitting on vhf/uhf
>
>
>Update:  Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.
>Tried it with a pal on our local repeater, keyed and then counted to 5.  He told me heard me say "3".
>So, at least the radio is working on FM on 144mHz.
>Anyone ever have that same phenomenon, that there's a momentary audio burst, then a dropout, then a return of audio?
>
>Thanks for any input.
>Peter KO6R
>
>---

# 20856. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-10 12:28:23 UTC
From: AG0N-3055
Topic: 20842  Message: 20856

On Fri, 01 Nov 2013 19:26:36 -0000, ko6r wrote:

> Update: Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.

You'll probably find that it does it on SSB also. This radio seems to have a problem with DC on the audio line that temporarily biases things up and cuts off the audio when first keyed and then tapers back to normal. This causes a DC "pulse sounding noise" (thump) in the transmitted audio and a slow (2-3 second) recovery of the audio when first keyed. I have one mic that does it, but my Heil does not. The stock hand mic doesn't have the problem either. I haven't bothered looking for a fix, since I rarely use the rig and can live with it the way it is as a backup.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20857. Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-10 15:58:20 UTC
From: ko6r
Topic: 20842  Message: 20857

Thanks, Ralph. However, my problem is not a lack of carrier. Radio transmits fine. It's the audio that requires warming up before it's consistent and immediate.

Peter KO6R

--- In ic706@yahoogroups.com, Ralph Mowery <ku4pt@...> wrote:
>
> Look here.  It may be the capacitor needs adjustment or is loose.
>
> http://www.hialeahradioclub.com/files/IC-706_mods.pdf
>
>
> From: ko6r <ko6r@...>
> >To: ic706@yahoogroups.com
> >Sent: Friday, November 1, 2013 3:26 PM
> >Subject: [ic706] Re: No audio when transmitting on vhf/uhf
> >
> >
> >Update:  Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.
> >Tried it with a pal on our local repeater, keyed and then counted to 5.  He told me heard me say "3".
> >So, at least the radio is working on FM on 144mHz.
> >Anyone ever have that same phenomenon, that there's a momentary audio burst, then a dropout, then a return of audio?
> >
> >Thanks for any input.
> >Peter KO6R
> >
> >---
>

# 20858. RE: Stream ads in the Yahoo user group's conversation area!

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-10 19:30:25 UTC
From: <alexschwarz237@...>
Topic: 20852  Message: 20858

Hi Everybody;

I would also suggest that people at least read the following Yahoo Group to see how we are pursuing getting things changed; I personally would like to see an option for people to have a choice of interfaces, but a rollback of the new interface would be a nice start and having Yahoo do real beta testing on this would be good.

Matthew Pitts
N8OHU
Moderator of modsandmebers Yahoo Group

If you are concerned about the Yahoo user groups and their future, please join this group and make your voice heard….

http://groups.yahoo.com/group/modsandmembers http://groups.yahoo.com/group/modsandmembers

Alex Schwarz
Administrator
MDSRadio

---In ic706@yahoogroups.com, <alexschwarz237@...> wrote:

Hi Everybody;

Yahoo decided to place stream ads into the "Conversation" section. This is highly confusing and misleading.

Please go to this link and voice your displeasure with this method of false advertising.
https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-advertisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73 https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-advertisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73
Also, can you please go to this link and tell Yahoo what you think about the ads in the “conversation” section.
You can further go to:
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
And tell Yahoo what you think and you can also vote to keep Yahoo a pleasant experience and knowledge base, without ads.
If you are a administrator of a group please forward this message to all users in other groups you administer.
Thank you;
Alex
Administrator

MDSRadio Group

# 20859. Icom 706MKIIG for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-10 19:37:55 UTC
From: John Geiger
Topic: 20859  Message: 20859

I have an Icom 706MKIIG HF/6m/2m/70cm transceiver for sale. This is the model with DSP as standard, back lit keys, and does 100 watts on HF and 6m, 50 watts on 2m, and 20 watts on 70cm. The case on the MKIIG shows some wear from mobile use. It doesnt look too bad but does have some scratches on the sides of it from the mobile bracket. There are also a couple of light scuffs on the top of it. The face looks pretty good, with a light scratch on the display, but it doesn't interfere with seeing anything.

This is a great way to get on HF as well as 6m, 2m and 70cm SSB/CW-the main VHF contesting bands. It comes with the microphone, power cord, and original box. I am asking $550 plus shipping. You can pick these up in Lawton, OK and save shipping charges also.

73 John AF5CC

# 20860. RE: Stream ads in the Yahoo user group's conversation area!

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-12 03:25:21 UTC
From: <alexschwarz237@...>
Topic: 20852  Message: 20860

HI Everybody;

I have found a way to block the annoying ads on the Yahoo site altogether, but it only works if you use Firefox. I recommend that everybody upgrades to Firefox anyways. There is an add on called Adblock Plus that can be installed onto Firefox and all the ads will not be downloaded to your computer. This is great, because all the adverts take up bandwidth.

If you already use Firefox here is the link to Adblock Plus:https://addons.mozilla.org/en-US/firefox/addon/adblock-plus/
https://addons.mozilla.org/en-US/firefox/addon/adblock-plus/
https://addons.mozilla.org/en-US/firefox/addon/adblock-plus/
Never be bothered by inappropriate and annoying ads that waste your internet speed and can become costly if you are past your data limit.

Alex
VE7DXW

---In ic706@yahoogroups.com, <alexschwarz237@...> wrote:

Hi Everybody;

I would also suggest that people at least read the following Yahoo Group to see how we are pursuing getting things changed; I personally would like to see an option for people to have a choice of interfaces, but a rollback of the new interface would be a nice start and having Yahoo do real beta testing on this would be good.

Matthew Pitts
N8OHU
Moderator of modsandmebers Yahoo Group

If you are concerned about the Yahoo user groups and their future, please join this group and make your voice heard….

http://groups.yahoo.com/group/modsandmembers http://groups.yahoo.com/group/modsandmembers

Alex Schwarz
Administrator
MDSRadio

---In ic706@yahoogroups.com, <alexschwarz237@...> wrote:

Hi Everybody;

Yahoo decided to place stream ads into the "Conversation" section. This is highly confusing and misleading.

Please go to this link and voice your displeasure with this method of false advertising.
https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-adver

tisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73 https://yahoo.uservoice.com/forums/209451-us-groups/suggestions/4496568-stop-putting-advertisements-in-my-group-message-fe?tracking_code=1c51fcf3e994851572b6142e806aef73
Also, can you please go to this link and tell Yahoo what you think about the ads in the “conversation” section.
You can further go to:
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
https://yahoo.uservoice.com/forums/209451-us-groups/filters/hot
And tell Yahoo what you think and you can also vote to keep Yahoo a pleasant experience and knowledge base, without ads.
If you are a administrator of a group please forward this message to all users in other groups you administer.
Thank you;
Alex
Administrator

MDSRadio Group

# 20861. Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-11 23:44:19 UTC
From: ko6r
Topic: 20842  Message: 20861

Do you have any idea why this would have suddenly started?
It's kinda strange that it seemingly began out of the blue.
Thanks for your thoughts.

Peter KO6R

--- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
>
> On Fri, 01 Nov 2013 19:26:36 -0000, ko6r wrote:
>
> > Update: Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.
>
> You'll probably find that it does it on SSB also. This radio seems to
> have a problem with DC on the audio line that temporarily biases things
> up and cuts off the audio when first keyed and then tapers back to
> normal. This causes a DC "pulse sounding noise" (thump) in the
> transmitted audio and a slow (2-3 second) recovery of the audio when
> first keyed. I have one mic that does it, but my Heil does not. The
> stock hand mic doesn't have the problem either. I haven't bothered
> looking for a fix, since I rarely use the rig and can live with it the
> way it is as a backup.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

# 20862. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-12 13:05:14 UTC
From: mikerodgerske5gbc@...
Topic: 20842  Message: 20862

Does it occur on more than one repeater?
Observe it on ssb even 2m ssb paying attention to power out and alc meter function.

73
Mike R

It's just the night
- The Del Mccury Band

On Nov 11, 2013, at 5:44 PM, "ko6r" <ko6r@...> wrote:

> Do you have any idea why this would have suddenly started?
> It's kinda strange that it seemingly began out of the blue.
> Thanks for your thoughts.
>
> Peter KO6R
>
> --- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
> >
> > On Fri, 01 Nov 2013 19:26:36 -0000, ko6r wrote:
> >
> > > Update: Just found out, by listening on another radio, that if I hold down the PTT button for a 1-2 count, the audio kicks in.
> >
> > You'll probably find that it does it on SSB also. This radio seems to
> > have a problem with DC on the audio line that temporarily biases things
> > up and cuts off the audio when first keyed and then tapers back to
> > normal. This causes a DC "pulse sounding noise" (thump) in the
> > transmitted audio and a slow (2-3 second) recovery of the audio when
> > first keyed. I have one mic that does it, but my Heil does not. The
> > stock hand mic doesn't have the problem either. I haven't bothered
> > looking for a fix, since I rarely use the rig and can live with it the
> > way it is as a backup.
> >
> > Gary
> > --
> > http://ag0n.net
> > 3055: http://ag0n.net/irlp/3055
> > NodeOp Help Page: http://ag0n.net/irlp
> >
>
>

# 20863. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-12 15:25:52 UTC
From: AG0N-3055
Topic: 20842  Message: 20863

On Mon, 11 Nov 2013 23:44:19 -0000, ko6r wrote:

> Do you have any idea why this would have suddenly started?
> It's kinda strange that it seemingly began out of the blue.
> Thanks for your thoughts.

I had that happen once on a Kenwood. It had to do with the switch timing (bent contacts) in the microphone DC switch for the battery in the mic. Otherwise, can't help with why it would 'suddenly' happen.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20864. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-12 15:30:38 UTC
From: AG0N-3055
Topic: 20842  Message: 20864

On Tue, 12 Nov 2013 07:05:14 -0600, mikerodgerske5gbc@... wrote:

> Observe it on ssb even 2m ssb paying attention to power out and alc meter function.

Yep. ALC pulse (without audio) at the instant of keying will indicate
the problem I spoke of.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20865. Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-13 17:03:31 UTC
From: ko6r
Topic: 20842  Message: 20865

Thanks, Gary -- doesn't happen on SSB, only on FM.

--- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
>
> On Tue, 12 Nov 2013 07:05:14 -0600, mikerodgerske5gbc@... wrote:
>
> > Observe it on ssb even 2m ssb paying attention to power out and alc meter function.
>
> Yep. ALC pulse (without audio) at the instant of keying will indicate
> the problem I spoke of.
>
> Gary
> --
> http://ag0n.net
> 3055: http://ag0n.net/irlp/3055
> NodeOp Help Page: http://ag0n.net/irlp
>

# 20866. Re: [ic706] Re: No audio when transmitting on vhf/uhf

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-13 21:45:11 UTC
From: mikerodgerske5gbc@...
Topic: 20842  Message: 20866

I would try to be sure it's the radio maybe via fm simplex.

Someone, perhaps Gary had a similar issue a while back.

73
Mike R

It's just the night
- The Del Mccury Band

On Nov 13, 2013, at 11:03 AM, "ko6r" <ko6r@yahoo.com> wrote:

> Thanks, Gary -- doesn't happen on SSB, only on FM.
>
> --- In ic706@yahoogroups.com, AG0N-3055 <mcduffie@...> wrote:
> >
> > On Tue, 12 Nov 2013 07:05:14 -0600, mikerodgerske5gbc@... wrote:
> >
> > > Observe it on ssb even 2m ssb paying attention to power out and alc meter function.
> >
> > Yep. ALC pulse (without audio) at the instant of keying will indicate
> > the problem I spoke of.
> >
> > Gary
> > --
> > http://ag0n.net
> > 3055: http://ag0n.net/irlp/3055
> > NodeOp Help Page: http://ag0n.net/irlp
> >
>
>

# 20867. RE: Looking for an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-17 22:24:11 UTC
From: <w1wbl@...>
Topic: 20774  Message: 20867

Are you still looking ?

Wayne W1WBL

---In ic706@yahoogroups.com, <af5cc@...> wrote:

I am looking for an Icom 706 original model, if anyone has one for sale. A CW filter with it would be nice but not necessary. Let me know the price shipped to Lawton, OK ZIP 73507/

73 John AF5CC

# 20868. Re: [ic706] RE: Looking for an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-19 13:59:48 UTC
From: Roland Hull
Topic: 20774  Message: 20868

apparently he is always looking LOL

# 20869. Re: [ic706] RE: Looking for an Icom 706 original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-19 22:29:08 UTC
From: steve schumm
Topic: 20774  Message: 20869

Just checked ebay. One is for sale.. Keep us posted on how it works out...73-steve WB2OEE

---

From: Roland Hull <w5sum@...>
To: ic706@yahoogroups.com
Sent: Tuesday, November 19, 2013 8:59 AM
Subject: Re: [ic706] RE: Looking for an Icom 706 original

☐
apparently  he is always looking LOL

# 20870. Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-24 16:28:33 UTC
From: qrv@kd4e.com
Topic: 20870  Message: 20870

I'm looking at prices and models of 706's and need some
current-day informed input, please?

I'm reading that the finals in some earlier models may
be unobtanium, in some models they may be replaced by subs,
that a variety of failures show up over time in early
models, and that some features have been added or improved.

What I mostly need is the following:

A mobile rig with separation kit.
HF SSB (& maybe digital).
10M FM
Reliability

Helpful:

Good automotive noise blanker.
Good band noise filter.

All the rest of the modes and bands are gravy.

QUESTIONS:

Does the DSP work well?

Since I don't think I need the extra G-series features
is there any good reason not to go with a 706MKii?

What gotcha indicators of a problem rig should I look for?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20871. Re: [ic706] Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-24 18:37:32 UTC
From: LARRY J. FORD
Topic: 20870  Message: 20871

I have an ICOM IC-706MKII which I use primarily for mobile operations.

Based on what you have posted, and if you are not interested in 440 band or higher 2-meter power, one thing you may want to consider is the fact that the IC-706MKIIG has a 6-pin DIN DATA port on the back, which may come in handy for certain digital modes, which you mentioned. Otherwise, you'll be using the 13-pin DIN ACCESSORY Port on the back of the 706MKII with an interface like a Signalink (which I use) for digital modes.

Also, one thing to keep in mind is that the "DSP" in the 706 models (standard in the MKIIG, an "optional add-on" for the MKII series, and not available at all for the "original" 706) is Audio Frequency based DSP, not IF DSP, as found in the 7xxx series of ICOM rigs.

Although the AF DSP is not half-bad (I have it on my 706MKII) and better than nothing, it pales in comparison to the IF-level DSP in my IC-7200.

I paid $500.00 3 years ago for my used MKII, with a MARS Mod and mobile accessories. The case had a few scratches as well as a scratch on the screen of the control head, but not anything that affects the performance.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sun, 24 Nov 2013 11:41:02 AM EST
From: "qrv@..." <qrv@...>
To: ic706@yahoogroups.com
Subject: [ic706] Reasons to prefer 706MKii or G-models?

> I'm looking at prices and models of 706's and need some
> current-day informed input, please?
>
> I'm reading that the finals in some earlier models may
> be unobtanium, in some models they may be replaced by subs,
> that a variety of failures show up over time in early
> models, and that some features have been added or improved.
>
> What I mostly need is the following:
>
> A mobile rig with separation kit.
> HF SSB (& maybe digital).
> 10M FM
> Reliability
>
> Helpful:
>

> Good automotive noise blanker.
> Good band noise filter.
>
> All the rest of the modes and bands are gravy.
>
> QUESTIONS:
>
> Does the DSP work well?
>
> Since I don't think I need the extra G-series features
> is there any good reason not to go with a 706MKii?
>
> What gotcha indicators of a problem rig should I look for?
>
> Thanks!
>
>
> --
>
> Thanks! & 73, KD4E.com
>
> David Colburn - Nevils, Georgia USA
>
> Search with: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20872. Re: [ic706] Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-24 18:52:29 UTC
From: steve schumm
Topic: 20870  Message: 20872

Hi _ I have the 706MK2g, The DSP unit is a waste, The noise blanker was designed for AM mode only according to what they said, does not do anything... What does work well is the sensitivity on all bands, plus alot of other good features. I have the 250 KHZ CW filter, use the band pass along with the CW filter and it is really an excellent CW filter. Unless I did some thing wrong when I programmed the memories. If you go into a memory and turn the main tuning knob, the memory channel frequency will tune off the freq programmed and your setting such as plls, etc will be lost. Then you go out the memory setting back to VFO-A and then back to memory setting and all will return. Turning on the lock function you can still go memory to memory and if you turn the main tuning dial, the memory setting will not be lost.... Also what is good about the radio, it does cut down the power if you accidently bypass the antenna tuner, so you do not hurt the power output
finals.. On My radio you can make it work in conjuction with IC-735. I do not know about the differences with the IC-706 radio, mine does have 440 MHZ. There are other good features about the MK2G including split function.  They have a multi pin jack in the back for hooking up RTTY, etc along with the the plug and all  the multi colored wires attached to it.. These wires are 3 inches long, they should have been longer as to work with them easier... Just checked,it does FM capability on 10 meters for repeater work and it works fine... I read you are doing your homework on this to buy the proper radio..., good luck with your descision==73-Steve--WB2OEE

---

From: "qrv@..." <qrv@...>
To: ic706@yahoogroups.com
Sent: Sunday, November 24, 2013 11:28 AM
Subject: [ic706] Reasons to prefer 706MKii or G-models?

I'm looking at prices and models of 706's and need some
current-day informed input, please?

I'm reading that the finals in some earlier models may
be unobtanium, in some models they may be replaced by subs,
that a variety of failures show up over time in early
models, and that some features have been added or improved.

What I mostly need is the following:

A mobile rig with separation kit.
HF SSB (& maybe digital).
10M FM
Reliability

Helpful:

Good automotive noise blanker.
Good band noise filter.

All the rest of the modes and bands are gravy.

QUESTIONS:

Does the DSP work well?

Since I don't think I need the extra G-series features
is there any good reason not to go with a 706MKii?

What gotcha indicators of a problem rig should I look for?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20873. Re: [ic706] Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-24 18:44:22 UTC
From: qrv@kd4e.com
Topic: 20870  Message: 20873

Thanks Larry!

That's most of what I needed to know.

I have an IC-7200 as my main fixed rig and like it more every
day - especially as Hams post suggested settings on the 7200 list.

OK re. AF vs IF DSP. The IF DSP in the 7200 is amazing.

The different digital mode connector sounds promising - not
needing that extra accessory interface is a hassle-reduction worth
considering.

Is the 6-pin DIN DATA port interfaced directly to a PC via
a DB-9 connector or a serial-USB adapter?

Thanks again!

David

> I have an ICOM IC-706MKII which I use primarily for mobile
> operations.
>
> Based on what you have posted, and if you are not interested in 440
> band or higher 2-meter power, one thing you may want to consider is
> the fact that the IC-706MKIIG has a 6-pin DIN DATA port on the back,
> which may come in handy for certain digital modes, which you
> mentioned. Otherwise, you'll be using the 13-pin DIN ACCESSORY Port
> on the back of the 706MKII with an interface like a Signalink (which
> I use) for digital modes.
>
> Also, one thing to keep in mind is that the "DSP" in the 706 models
> (standard in the MKIIG, an "optional add-on" for the MKII series, and
> not available at all for the "original" 706) is Audio Frequency based
> DSP, not IF DSP, as found in the 7xxx series of ICOM rigs.
>
> Although the AF DSP is not half-bad (I have it on my 706MKII) and
> better than nothing, it pales in comparison to the IF-level DSP in my
> IC-7200.
>
> I paid $500.00 3 years ago for my used MKII, with a MARS Mod and
> mobile accessories. The case had a few scratches as well as a scratch
> on the screen of the control head, but not anything that affects the
> performance.
>
>
> Larry J. Ford K4AEC

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20874. IC706 CAT baud rate

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-24 18:58:53 UTC
From: <f6gnz@...>
Topic: 20874  Message: 20874

All published data show 1200 bps as default CAT CI-V baud rate for IC706.
But, using the MicroHAM Keyer and the associated Router s/w, I found that it perfectly works at 9600bps (706 won't even respond if 1200 bps is selected in the Routers Test window ). However, with Router set at 9600bps and an associated logging program, like DX4WIN is set to 1200bps all works OK, but it also works OK with 9600bps set in the logging program ! So, what is the reason of specifying 1200 bps for IC706 CAT??

73, Radi F6GNZ

# 20875. Re: [ic706] Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-25 00:41:25 UTC
From: Dave
Topic: 20870  Message: 20875

I have an original 706 and the final transistors are rare. When I bought my radio it had very little output on hf and six but it was a 2 dollar diode on the swr metering circuit that had failed and it thought it had high swr.. an easy fix but you just never know.
I cannot fault the radio.  If its treated well like not operated into a high swr, attention payed to duty cycle so it doesnt overheat and disconnected when there is a possibility of lightning discharge there is no reason to shy away from an early model in that regard.
Mine has had the wideband  VHF mod done and at some point I am going to reverse it because its terrible for overload running mobile. It may be ok where you live but there is a lot of commercial activity in my neck of the woods.

Dave, ve1day

Sent from Samsung Mobile

-------- Original message --------
From: steve schumm <wb2oee@yahoo.com>
Date:
To: ic706@yahoogroups.com
Subject: Re: [ic706] Reasons to prefer 706MKii or G-models?

Hi _ I have the 706MK2g, The DSP unit is a waste, The noise blanker was designed for AM mode only according to what they said, does not do anything... What does work well is the sensitivity on all bands, plus alot of other good features. I have the 250 KHZ CW filter, use the band pass along with the CW filter and it is really an excellent CW filter. Unless I did some thing wrong when I programmed the memories. If you go into a memory and turn the main tuning knob, the memory channel frequency will tune off the freq programmed and your setting such as plls, etc will be lost. Then you go out the memory setting back to VFO-A and then back to memory setting and all will return. Turning on the lock function you can still go memory to memory and if you turn the main tuning dial, the memory setting will not be lost.... Also what is good about the radio, it does cut down the power if you accidently bypass the antenna tuner, so you do not hurt the power output finals.. On My radio you can make it work in conjuction with IC-735. I do not know about the differences with the IC-706 radio, mine does have 440 MHZ. There are other good features about the MK2G including split function.  They have a multi pin jack in the back for hooking up RTTY, etc along with the the plug and all  the multi colored wires attached to it.. These wires are 3 inches long, they should have been longer as to work with them easier... Just checked,it does FM capability on 10 meters for repeater work and it works fine... I read you are doing your homework on this to buy the proper radio..., good luck with your descision==73-Steve--WB2OEE

From: "qrv@kd4e.com" <qrv@kd4e.com>
To: ic706@yahoogroups.com
Sent: Sunday, November 24, 2013 11:28 AM
Subject: [ic706] Reasons to prefer 706MKii or G-models?

I'm looking at prices and models of 706's and need some
current-day informed input, please?

I'm reading that the finals in some earlier models may
be unobtanium, in some models they may be replaced by subs,
that a variety of failures show up over time in early
models, and that some features have been added or improved.

What I mostly need is the following:

A mobile rig with separation kit.
HF SSB (& maybe digital).
10M FM
Reliability

Helpful:

Good automotive noise blanker.
Good band noise filter.

All the rest of the modes and bands are gravy.

QUESTIONS:

Does the DSP work well?

Since I don't think I need the extra G-series features
is there any good reason not to go with a 706MKii?

What gotcha indicators of a problem rig should I look for?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20876. RE: [ic706] IC706 CAT baud rate

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-25 03:52:49 UTC
From: tom armour
Topic: 20874  Message: 20876

On my original IC-706 I believe the default of was auto for C-IV (CAT). That was not reliable in detecting the baud rate so I set it to 19200.
I have been using it that way for years. It works great with DX Labs suite, Commander app.
On mine you set it by holding lock while turning on the radio. It's menu item 22 C-IV baud.

73, Tom - wa4ta

From: f6gnz@...
To: ic706@yahoogroups.com
Date: Sun, 24 Nov 2013 10:58:53 -0800
Subject: [ic706] IC706 CAT baud rate

All published data show 1200 bps as default CAT CI-V baud rate for IC706.But,
using the MicroHAM Keyer and the associated Router s/w, I found that it
perfectly works at 9600bps (706 won't even respond if 1200 bps is
selected in the Routers Test window ). However, with Router set at
9600bps and an associated logging program, like DX4WIN is set to
1200bps all works OK, but it also works OK with 9600bps set in the
logging program !So, what is the reason of specifying 1200 bps for IC706 CAT??
73, Radi F6GNZ

# 20877. Re: [ic706] Reasons to prefer 706MKii or G-models?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-25 05:42:35 UTC
From: mikerodgerske5gbc@...
Topic: 20870  Message: 20877

Not sure but I think the original 706 has 1 less filter slot.

The NB works on spark plugs for me.

The DSP takes the edge off and that's it. It does I believe have some cw features.

Unless the price is right, I'd insist on newer Mittsubishi finals.

Accessories are starting to fetch premium prices.

I had 3 and now 2 so I like them but the newer I.F. Filtering and dsp on newer rigs is worth the gingle.

73
Mike R

Bluegrass white snow
- Patty Loveless

# 20878. RE: RE: [ic706] IC706 CAT baud rate

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-25 19:16:49 UTC
From: <f6gnz@...>
Topic: 20874  Message: 20878

Hi Tom,
Thanks for the answer. I have not looked into user manual as even my logging program DX4WIN shows 1200 bps as default rate. After getting into manual, I realized that settings was auto as default and that there was a possibilitry to select fixed rate, so I selected 19200 as fixed rate and it works perfectly with mo logger, Omnirig and RigSync, synchronizing IC706 with my SDR RX.
Best 73, Radi F6GNZ

---In ic706@yahoogroups.com, <wa4ta@...> wrote:

On my original IC-706 I believe the default of was auto for C-IV (CAT). That was not reliable in detecting the baud rate so I set it to 19200.

I have been using it that way for years. It works great with DX Labs suite, Commander app.

On mine you set it by holding lock while turning on the radio. It's menu item 22 C-IV baud.

73, Tom - wa4ta

From: f6gnz@...
To: ic706@yahoogroups.com
Date: Sun, 24 Nov 2013 10:58:53 -0800
Subject: [ic706] IC706 CAT baud rate

All published data show 1200 bps as default CAT CI-V baud rate for IC706.
But, using the MicroHAM Keyer and the associated Router s/w, I found that it perfectly works at 9600bps (706 won't even respond if 1200 bps is selected in the Routers Test window ). However, with Router set at 9600bps and an associated logging program, like DX4WIN is set to 1200bps all works OK, but it also works OK with 9600bps set in the logging program ! So, what is the reason of specifying 1200 bps for IC706 CAT??

73, Radi F6GNZ

# 20879. For Sale: Icom 706 Original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-26 15:35:37 UTC
From: Michael Vondran
Topic: 20879  Message: 20879

For Sale: Original Icom 706 Cover 160M to 2M. Has MARS mod done. Comes with Signa Link USB, USB cable for CI-V, Heil Traveler head set, and stock microphone. Also comes with all cables for power and accessories. The only thing needed for a complete station is a power supply and an antenna. Asking $600 plus shipping from Jacksonville, NC. Contact me at mvondran@....

William Vondran
AF5FC

# 20880. Re: [ic706] For Sale: Icom 706 Original

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-26 15:53:14 UTC
From: LARRY J. FORD
Topic: 20879  Message: 20880

Does that include mobile mounting accessories, separation kit, etc.?

Based on your e-mail address, I assume that "Resistance is futile?"

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 26 Nov 2013 10:36:02 AM EST
From: Michael Vondran <locutus_of_texas@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: [ic706] For Sale: Icom 706 Original

> For Sale: Original Icom 706 Cover 160M to 2M. Has MARS mod done. Comes
> with Signa Link USB, USB cable for CI-V, Heil Traveler head set, and
> stock microphone. Also comes with all cables for power and accessories. The
only thing needed for a complete station is a power supply and an
> antenna. Asking $600 plus shipping from Jacksonville, NC. Contact me at
mvondran@....
>
> William Vondran
> AF5FC
>

# 20881. Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-26 21:00:36 UTC
From: wizzbit_99
Topic: 20881  Message: 20881

Hi,

I'm using a signalink interface using the accessory port on my mkii.

For cat control I'm using one of those cables commonly found on Ebay but with the ftdi chipset (prolific yuck!)

The problem is it raises my noise level atleast an extra 3 s points.
When unplugged the noise goes to 0.

Anyone have any suggestions please?

De

Mark

mw0mkg

# 20882. Re: [ic706] Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 03:14:52 UTC
From: Michael Welch
Topic: 20881  Message: 20882

Had the same problem. Ground the power supply it when away.

Sent from Yahoo! Mail on Android
Michael Welch
N7CVZ

# 20883. Re: [ic706] Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 15:11:44 UTC
From: LARRY J. FORD
Topic: 20881  Message: 20883

I use a CI-V to USB cable with an FTDI chipset to connect the CI-V port on my 706 to a PC for CAT control with HRD/DM-780, et al. (see http://www.amazon.com/Interface-IC-7000-Chipset-Supports-Windows/dp/B004L0T4UM )

No problems whatsoever, works like a charm.

If you could try another cable, and the problem goes away, then you've found your issue.

The cable may have inadequate shielding and is allowing random EMI in the shack to get in the cable.

You could try putting a few turns through a toroid core on each end, or a couple of the "snap-on" ferrites as chokes.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 26 Nov 2013 10:09:57 PM EST
From: "wizzbit_99" <mark.gray2000@...>
To: ic706@yahoogroups.com
Subject: [ic706] Noise using ftdi chipset cat control cable

> Hi,
>
> I'm using a signalink interface using the accessory port on my mkii.
>
> For cat control I'm using one of those cables commonly found on Ebay but with the ftdi chipset (prolific yuck!)
>
> The problem is it raises my noise level atleast an extra 3 s points.
> When unplugged the noise goes to 0.
>
> Anyone have any suggestions please?
>
> De
>
> Mark
>
> mw0mkg
>
>

# 20884. Re: [ic706] Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 15:34:22 UTC
From: Mark Brueggemann
Topic: 20881  Message: 20884

From: wizzbit_99 <mark.gray2000@...>

> I'm using one of those cables commonly found on
> Ebay but with the ftdi chipset (prolific yuck!)
> The problem is it raises my noise level atleast an extra 3 s points.
> When unplugged the noise goes to 0.

What happens when you unplug the antenna?

Just as culpable as a radiating USB cable can be, the lack of shielding/isolation of the antenna feed can be just as much a contributor.  If effectively your antenna is right next to the data cable, even a tiny amount of EMI will cause interference.

If adding ferrites to the USB cable helps, then great.  I would also look at improving the isolation of your antenna feed too.

Mark K5LXP
Albuquerque, NM

# 20885. Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 16:04:53 UTC
From: Ronnie Hull
Topic: 20885  Message: 20885

I have a plain jane 706, no MKII or G. I have full power out of my PA on cw fm and am. I can ONLY get full power out on SSB by shouting into the mic!

Yes I have adjusted the mic gain via the menu

I have spoken to two others here in town that have observed this with their 706's also, one a plain 706 like mine and one a MKIIG

Have any of you observed this?

Anyone using a aftermarket mic with success? Which one?

Oh.,, power is measured with a bird 43 with a peak reading kit in it

God bless and 73's

Ronnie W5SUM
Sent from Ronnie's IPhone

# 20886. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 16:11:30 UTC
From: LARRY J. FORD
Topic: 20885  Message: 20886

I have an "original" IC-706, used as "back-up" HF rig in the shack, and an IC-706MKII, which I run mobile. Both are used with the factory-standard, unmodified HM-103.

No issues as you report.

HOWEVER, how are you measuring that "full power out?" SSB is a PEP mode, and the peak output can ONLY be measured by a true, active, peak-reading wattmeter like the Ameritron AWM-30.

Wattmeters in, for example, the MJF tuners are usually "average" reading wattmeters (e.g., a 100-watt PEP transmission might register only 10, 15, or 20 watts on a "average reading" meter), and those that claim to be "peak-reading" are notoriously inaccurate.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 27 Nov 2013 11:05:40 AM EST
From: Ronnie Hull <w5sum@...>
To: ic706@yahoogroups.com
Subject: [ic706] Low drive using factory mic

> I have a plain jane 706, no MKII or G. I have full power out of my PA on cw fm and am. I can ONLY get full power out on SSB by shouting into the mic!
>
> Yes I have adjusted the mic gain via the menu
>
> I have spoken to two others here in town that have observed this with their 706's also, one a plain 706 like mine and one a MKIIG
>
> Have any of you observed this?
>
> Anyone using a aftermarket mic with success? Which one?
>
> Oh.,, power is measured with a bird 43 with a peak reading kit in it
>
> God bless and 73's
>
> Ronnie W5SUM
> Sent from Ronnie's IPhone

# 20887. RE: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 16:44:55 UTC
From: Joe
Topic: 20885  Message: 20887

Hey Ronnie!
The original 706 has notoriously low Mic gain. What I did was set it for good audio on FM (mic gain at 8 or 9 I think), then switch to SSB and turn on the compressor. Adjust the compressor gain pot on the side of the rig for a little ALC and it should be good to go. Just don't forget to turn it off when switching modes. The softkey for the compressor goes away unless you're in SSB making it a bit of a PITA to turn off after -- and if you forget, someone will probably remind you... LOL

Joe, N3JI

Sent from my Verizon Wireless 4G LTE Tablet

-------- Original message --------
From: Ronnie Hull <w5sum@comcast.net>
Date: 11/27/2013 10:04 AM (GMT-06:00)
To: ic706@yahoogroups.com
Subject: [ic706] Low drive using factory mic

I have a plain jane 706, no MKII or G. I have full power out of my PA on cw fm and am. I can ONLY get full power out on SSB by shouting into the mic!

Yes I have adjusted the mic gain via the menu

I have spoken to two others here in town that have observed this with their 706's also, one a plain 706 like mine and one a MKIIG

Have any of you observed this?

Anyone using a aftermarket mic with success? Which one?

Oh.,, power is measured with a bird 43 with a peak reading kit in it

God bless and 73's

Ronnie W5SUM
Sent from Ronnie's IPhone

# 20888. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 18:56:31 UTC
From: mikerodgerske5gbc@...
Topic: 20885  Message: 20888

Larry, I'm pretty sure he stated a Bird 43 with peak reading kit. I believe that kit uses a battery so it should read pep.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Nov 27, 2013, at 10:11 AM, "LARRY J. FORD" <lford@...> wrote:

>
> I have an "original" IC-706, used as "back-up" HF rig in the shack, and an
> IC-706MKII, which I run mobile. Both are used with the factory-standard,
> unmodified HM-103.
>
> No issues as you report.
>
> HOWEVER, how are you measuring that "full power out?" SSB is a PEP mode, and
> the peak output can ONLY be measured by a true, active, peak-reading wattmeter
> like the Ameritron AWM-30.
>
> Wattmeters in, for example, the MJF tuners are usually "average" reading
> wattmeters (e.g., a 100-watt PEP transmission might register only 10, 15, or
> 20 watts on a "average reading" meter), and those that claim to be
> "peak-reading" are notoriously inaccurate.
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Wed, 27 Nov 2013 11:05:40 AM EST
> From: Ronnie Hull <w5sum@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Low drive using factory mic
>
> > I have a plain jane 706, no MKII or G. I have full power out of my PA on cw
> fm and am. I can ONLY get full power out on SSB by shouting into the mic!
> > >
> > > Yes I have adjusted the mic gain via the menu
> > >
> > > I have spoken to two others here in town that have observed this with their
> 706's also, one a plain 706 like mine and one a MKIIG
> > >
> > > Have any of you observed this?

> >
> > Anyone using a aftermarket mic with success? Which one?
> >
> > Oh.,, power is measured with a bird 43 with a peak reading kit in it
> >
> > God bless and 73's
> >
> > Ronnie W5SUM
> > Sent from Ronnie's IPhone
>
>

# 20889. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 19:39:59 UTC
From: AG0N-3055
Topic: 20885  Message: 20889

On Wed, 27 Nov 2013 12:56:31 -0600, mikerodgerske5gbc@... wrote:

> Larry, I'm pretty sure he stated a Bird 43 with peak reading kit. I believe that kit uses a battery so it should read pep.

I used to have a Bird 47 with Peak reading kit. I didn't check it
against a known source, but I never had the feeling it was all that
great at catching those peaks. YMMV

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 20890. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 19:49:28 UTC
From: LARRY J. FORD
Topic: 20885  Message: 20890

Yeah, missed that line down near the bottom in his original posting, and I've already been "chastised" by the original poster for that omission, so you're No.2!

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 27 Nov 2013 01:56:58 PM EST
From: mikerodgerske5gbc@...
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Low drive using factory mic

> Larry, I'm pretty sure he stated a Bird 43 with peak reading kit. I believe that kit uses a battery so it should read pep.
>
> 73
> Mike R
>
> Bluegrass white snow
> - Patty Loveless
>
> On Nov 27, 2013, at 10:11 AM, "LARRY J. FORD" <lford@...> wrote:
>
> > 
> > I have an "original" IC-706, used as "back-up" HF rig in the shack, and an
> > IC-706MKII, which I run mobile. Both are used with the factory-standard,
> > unmodified HM-103.
> > 
> > No issues as you report.
> > 
> > HOWEVER, how are you measuring that "full power out?" SSB is a PEP mode, and
> > the peak output can ONLY be measured by a true, active, peak-reading wattmeter
> > like the Ameritron AWM-30.
> > 
> > Wattmeters in, for example, the MJF tuners are usually "average" reading
> > wattmeters (e.g., a 100-watt PEP transmission might register only 10, 15, or
> > 20 watts on a "average reading" meter), and those that claim to be
> > "peak-reading" are notoriously inaccurate.
> > 
> > Larry J. Ford
> > K4AEC

> >
> >
> > ------ Original Message ------
> > Received: Wed, 27 Nov 2013 11:05:40 AM EST
> > From: Ronnie Hull <w5sum@...>
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Low drive using factory mic
> >
> > > I have a plain jane 706, no MKII or G. I have full power out of my PA on
cw
> > fm and am. I can ONLY get full power out on SSB by shouting into the mic!
> > >
> > > Yes I have adjusted the mic gain via the menu
> > >
> > > I have spoken to two others here in town that have observed this with
their
> > 706's also, one a plain 706 like mine and one a MKIIG
> > >
> > > Have any of you observed this?
> > >
> > > Anyone using a aftermarket mic with success? Which one?
> > >
> > > Oh.,, power is measured with a bird 43 with a peak reading kit in it
> > >
> > > God bless and 73's
> > >
> > > Ronnie W5SUM
> > > Sent from Ronnie's IPhone
> >
> >
>

# 20891. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 22:56:10 UTC
From: John Geiger
Topic: 20885  Message: 20891

I have never noticed this problem on the 706 original or the MKIIG. Did notice it a little on a MKII I once had, but it is not an issue with the MKII I currently have. Make sure you turn the compression on, and increase its level a little if necessary.

73 John AF5CC

----- Original Message -----
From: LARRY J. FORD
To: ic706@yahoogroups.com
Sent: Wednesday, November 27, 2013 4:11 PM
Subject: Re: [ic706] Low drive using factory mic

I have an "original" IC-706, used as "back-up" HF rig in the shack, and an IC-706MKII, which I run mobile. Both are used with the factory-standard, unmodified HM-103.

No issues as you report.

HOWEVER, how are you measuring that "full power out?" SSB is a PEP mode, and the peak output can ONLY be measured by a true, active, peak-reading wattmeter like the Ameritron AWM-30.

Wattmeters in, for example, the MJF tuners are usually "average" reading wattmeters (e.g., a 100-watt PEP transmission might register only 10, 15, or 20 watts on a "average reading" meter), and those that claim to be "peak-reading" are notoriously inaccurate.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 27 Nov 2013 11:05:40 AM EST
From: Ronnie Hull <w5sum@...>
To: ic706@yahoogroups.com
Subject: [ic706] Low drive using factory mic

> I have a plain jane 706, no MKII or G. I have full power out of my PA on cw fm and am. I can ONLY get full power out on SSB by shouting into the mic!
>
> Yes I have adjusted the mic gain via the menu
>
> I have spoken to two others here in town that have observed this with their 706's also, one a plain 706 like mine and one a MKIIG
>
> Have any of you observed this?
>
> Anyone using a aftermarket mic with success? Which one?

>
> Oh.,, power is measured with a bird 43 with a peak reading kit in it
>
> God bless and 73's
>
> Ronnie W5SUM
> Sent from Ronnie's IPhone

# 20892. Re: Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-28 14:12:33 UTC
From: Bob Pariza
Topic: 20885  Message: 20892

FWIW I had almost no audio out with my MKIIG and finally figured out that both mic jacks (face plate and rear panel) are always 'hot'.

If you have two mics plugged in neither will give you much.

Just a thought, good luck.

Bob - KD 5 WPX

# 20893. Re: Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-28 15:48:56 UTC
From: Edwin Bailen
Topic: 20885  Message: 20893

It is possible that Icom did this on purpose so that in a mobile situation, the mic is less likely to pick up road noise or wind noise, but it requires the user to close-talk the mic and to talk loudly. If you take the mic apart, you will see that there is a fairly long path from the grill openings the the mic element. Following recommendations on the web, I drilled a very small hole through the front of the mic and centered on the mic element. It seemed to help with my original 706.

Regards,
Ed

2a. Low drive using factory mic
Posted by: "Ronnie Hull" w5sum@... w5sum
Date: Wed Nov 27, 2013 8:05 am ((PST))

I have a plain jane 706, no MKII or G. I have full power out of my PA on cw fm and am. I can ONLY get full power out on SSB by shouting into the mic!

Yes I have adjusted the mic gain via the menu

I have spoken to two others here in town that have observed this with their 706's also, one a plain 706 like mine and one a MKIIG

Have any of you observed this?

Anyone using a aftermarket mic with success? Which one?

Oh.,, power is measured with a bird 43 with a peak reading kit in it

God bless and 73's

Ronnie W5SUM
Sent from Ronnie's IPhone

# 20894. Re: [ic706] Re: Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-28 18:16:26 UTC
From: LARRY J. FORD
Topic: 20885  Message: 20894

I tested my "original" IC-706 in the shack with the stock, HM-103 mic over the past couple of days, and using an Ameritron AWM-30 active, peak-reading wattmeter, and see full output power on SSB on peaks using normal voice, not shouting but not "whispering," either.

However, the wattmeter in the MFJ tuner, which I believe is only an "average" reading wattmeter shows considerably lower readings.

Mic gain is set at "5" and NO compression is being used.

When mobile, I run a an IC-706MKII and the stock, HM-103 mic, I use compression, see full power output, and usually get reports of a "good mobile signal."

I also occasionally use a Heil "Traveler" headset with a Heil electret mic element with the original 706 in the shack, and it works quite well. Heil publishes recommended settings for the 706 (and other ICOM rigs) when using the Heil Traveler.

Perhaps the operator who experienced the issues with the stock mic might try one or more of the mods published for the HM-103 to resolve his issues.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 28 Nov 2013 10:49:15 AM EST
From: Edwin Bailen <n5kzw@...>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Low drive using factory mic

> It is possible that Icom did this on purpose so that in a mobile
> situation, the mic is less likely to pick up road noise or wind noise,
> but it requires the user to close-talk the mic and to talk loudly. If
> you take the mic apart, you will see that there is a fairly long path
> from the grill openings the the mic element. Following recommendations
> on the web, I drilled a very small hole through the front of the mic and
> centered on the mic element. It seemed to help with my original 706.
>
> Regards,
> Ed
>
> 2a. Low drive using factory mic
> Posted by: "Ronnie Hull" w5sum@... w5sum
> Date: Wed Nov 27, 2013 8:05 am ((PST))
>
> I have a plain jane 706, no MKII or G. I have full power out of my PA on cw

fm and am. I can ONLY get full power out on SSB by shouting into the mic!
>
> Yes I have adjusted the mic gain via the menu
>
> I have spoken to two others here in town that have observed this with their
706's also, one a plain 706 like mine and one a MKIIG
>
> Have any of you observed this?
>
> Anyone using a aftermarket mic with success? Which one?
>
> Oh.,, power is measured with a bird 43 with a peak reading kit in it
>
> God bless and 73's
>
> Ronnie W5SUM
> Sent from Ronnie's IPhone
>
>
>
>
>
>
>

# 20895. Re: [ic706] Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 17:44:01 UTC
From: kb2cwn@yahoo.com
Topic: 20895  Message: 20895
Attachments: 2 described; binary payloads are missing from this source WARC

[ Attachment content not displayed ]

# 20896. Re: Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 19:33:04 UTC
From: wizzbit_99
Topic: 20881  Message: 20896

Many thanks for the feedback.

A good few things to consider.

The cable I got is exactly the Same one that is in the link from amazon.

One idea which mark picked up on was about unplugging the antenna.

Well I did that and it all went away.

I do have local noise anyway. It's probably a plasma or dodgy psu at a neighbours.
But this noise from the cat cable is another 'layer' on top again, That is to say I can audibly hear when the cable is plugged in.

I've tried 6 snap ons with no difference.

Just for the info I use 450 ohm ladder line going straight into a tuner (doublet)

So is it maybe the fact I've already got noise is making this data noise detectable?

Maybe I should wait until the neighbourhood noise dies down and try it then.

Many thanks

Mark mw0mkg

--- In ic706@yahoogroups.com, Mark Brueggemann <qrq_cw@...> wrote:
>
>
>
> From: wizzbit_99 <mark.gray2000@...>
>
> > I'm using one of those cables commonly found on
> > Ebay but with the ftdi chipset (prolific yuck!)
> > The problem is it raises my noise level atleast an extra 3 s points.
> > When unplugged the noise goes to 0.
>
> What happens when you unplug the antenna?
>
> Just as culpable as a radiating USB cable can be, the lack of shielding/isolation of the antenna feed can be just as much a contributor.  If effectively your antenna is right next to the data cable, even a tiny amount of EMI will cause interference.
>
> If adding ferrites to the USB cable helps, then great.  I would also look at improving the isolation of your antenna feed too.
>
>
> Mark K5LXP

> Albuquerque, NM
>

# 20897. Re: [ic706] Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-27 20:07:42 UTC
From: Mark Gray
Topic: 20881  Message: 20897

Many thanks for the feedback.

A good few things to consider.

The cable I got is exactly the Same one that is in the link from amazon.

One idea which mark picked up on was about unplugging the antenna.

Well I did that and it all went away.

I do have local noise anyway. It's probably a plasma or dodgy psu at a neighbours.
But this noise from the cat cable is another 'layer' on top again, That is to say I can audibly hear when the cable is plugged in.

I've tried 6 snap ons with no difference.

Just for the info I use 450 ohm ladder line going straight into a tuner (doublet)

So is it maybe the fact I've already got noise is making this data noise detectable?

Maybe I should wait until the neighbourhood noise dies down and try it then.

Many thanks

Mark mw0mkg

> On 27 Nov 2013, at 15:34, Mark Brueggemann <qrq_cw@...> wrote:
>
>
>
> From: wizzbit_99 <mark.gray2000@ntlworld.com>
>
> > I'm using one of those cables commonly found on
> > Ebay but with the ftdi chipset (prolific yuck!)
> > The problem is it raises my noise level atleast an extra 3 s points.
> > When unplugged the noise goes to 0.
>
> What happens when you unplug the antenna?
>
> Just as culpable as a radiating USB cable can be, the lack of shielding/isolation of the antenna feed can be just as much a contributor. If effectively your antenna is right next to the data cable, even a tiny amount of EMI will cause interference.
>
> If adding ferrites to the USB cable helps, then great. I would also look at improving the isolation of your antenna feed too.
>
> Mark K5LXP
> Albuquerque, NM

>

# 20898. Re: [ic706] Re: Low drive using factory mic

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 03:38:04 UTC
From: Facility 406 DM09
Topic: 20885  Message: 20898

: from the grill openings the the mic element. Following recommendations
: on the web, I drilled a very small hole through the front of the mic and
: centered on the mic element. It seemed to help with my original 706.

About twenty years ago I had seen a run of mics where the felt over the element was completely covered in glue. Usually it's a little bit around the edges to hold it in place, but several were solid, like a sheet of vinyl.

Kurt

# 20899. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 04:25:54 UTC
From: WireU@...
Topic: 20733  Message: 20899

It doesn't look like Windows 7 is supported, anybody know if it will run on Win 7 x64?

In a message dated 9/17/2013 10:11:12 P.M. Central Standard Time, awaschka@... writes:

I don't know what you mean by the "spamware vesion". I downloaded a shareware version (from here: http://www.qsl.net/ve6yp/) that works, doesn't have ads, and my virus checker says is OK. It says you must register it to get certain functions, none of which are required to program the 706.

Al

---
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of Vincent
Sent: Tuesday, September 17, 2013 8:06 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Hello All,
Re: Al's e-mail below, I looked online and noticed that programming cables for the IC-706 are readily available at a reasonable price.
However, it looks like the YPlog Program costs quite a bit unless you download the Spamware version? I am just interested in programming the radio without
the control and logging functions. Does anyone know of a software program that is free or inexpensive that will program the IC-706?
Thanks,
Kevin
KA4VAS

From: Al Waschka <awaschka@bellsouth.net>
To: ic706@yahoogroups.com
Sent: Saturday, September 14, 2013 11:54 AM
Subject: [ic706] Programing IC-706 Memories from a PC

<WBR

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I

have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as
COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX
OFFSET, however, contrary to the HELP file's claim, entering 600k will not set
the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the
radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the
calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM
mode is programmed. I'm guessing that they are all loaded with the tone that
is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

---

No virus found in this message.
Checked by AVG - _www.avg.com_ (http://www.avg.com/)
Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date: 09/14/13

# 20900. Year & Serial Number for Mitsubishi Finals?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 02:25:05 UTC
From: qrv@kd4e.com
Topic: 20900  Message: 20900

I may have missed it in the Files area but is there a mfg year
and serial number combo that flags a MK2G as Mitsubishi finals,
please?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20901. Re: [ic706] Year & Serial Number for Mitsubishi Finals?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 14:21:28 UTC
From: mikerodgerske5gbc@...
Topic: 20900  Message: 20901

You might try also the 706mk2g group.

Seems like someone said icom lengthened the digits in the serial number at that time.

Mine was purchased 10/05 from HRO and has them. The owners manual was changed if at all sometime later for it incorrectly stated the older part numbers.

I had to have the VHF /UHF one replaced once for unknown reason.
It's was extremely hot that day it went but so were other days.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Nov 28, 2013, at 8:25 PM, "qrv@..." <qrv@kd4e.com> wrote:

> I may have missed it in the Files area but is there a mfg year
> and serial number combo that flags a MK2G as Mitsubishi finals,
> please?
>
> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
>
> David Colburn - Nevils, Georgia USA
>
> Search with: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20902. Re: [ic706] Year & Serial Number for Mitsubishi Finals?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 14:25:43 UTC
From: mikerodgerske5gbc@...
Topic: 20900  Message: 20902

I guess I wasn't too clear but mine from 10/05 has the Mittsubishi's.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Nov 29, 2013, at 8:21 AM, mikerodgerske5gbc@... wrote:

> You might try also the 706mk2g group.
>
> Seems like someone said icom lengthened the digits in the serial number at that time.
>
> Mine was purchased 10/05 from HRO and has them. The owners manual was changed if at all sometime later for it incorrectly stated the older part numbers.
>
> I had to have the VHF /UHF one replaced once for unknown reason.
> It's was extremely hot that day it went but so were other days.
>
> 73
> Mike R
>
> Bluegrass white snow
> - Patty Loveless
>
> On Nov 28, 2013, at 8:25 PM, "qrv@..." <qrv@kd4e.com> wrote:
>
>>
>> I may have missed it in the Files area but is there a mfg year
>> and serial number combo that flags a MK2G as Mitsubishi finals,
>> please?
>>
>> Thanks!
>>
>> --
>>
>> Thanks! & 73, KD4E.com
>>
>> David Colburn - Nevils, Georgia USA
>>
>> Search with: duckduckgo.com
>>
>> Android for Hams: groups.yahoo.com/group/hamdroid
>> Creative Tech: groups.yahoo.com/group/ham-macguyver
>> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

```
>>
>> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
```

# 20903. Re: [ic706] Year & Serial Number for Mitsubishi Finals?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 14:34:16 UTC
From: John Geiger
Topic: 20900  Message: 20903

The newer model with the Mitsubishi finals have serial numbers that start in the 150XXXX range.

John AF5CC

----- Original Message -----
From: mikerodgerske5gbc@...
To: ic706@yahoogroups.com
Sent: Friday, November 29, 2013 2:25 PM
Subject: Re: [ic706] Year & Serial Number for Mitsubishi Finals?

I guess I wasn't too clear but mine from 10/05 has the Mittsubishi's.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Nov 29, 2013, at 8:21 AM, mikerodgerske5gbc@... wrote:

You might try also the 706mk2g group.

Seems like someone said icom lengthened the digits in the serial number at that time.

Mine was purchased 10/05 from HRO and has them. The owners manual was changed if at all sometime later for it incorrectly stated the older part numbers.

I had to have the VHF /UHF one replaced once for unknown reason.
It's was extremely hot that day it went but so were other days.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Nov 28, 2013, at 8:25 PM, "qrv@..." <qrv@...> wrote:

I may have missed it in the Files area but is there a mfg year
and serial number combo that flags a MK2G as Mitsubishi finals,
please?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20904. Re: [ic706] Re: Noise using ftdi chipset cat control cable

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 13:10:25 UTC
From: Mark gray
Topic: 20881  Message: 20904

Hi,

Many thanks everyone, it's pretty much sorted now.

Due to the noise going when the antenna was unplugged I figured it's getting picked up by my antenna/feeder. So lastnight I made a much smaller patch lead that goes between the radio and atu and put snap on ferrite on for the full length. About 7 or 8.?

All the noise from my cables have gone now also my laptop psu noise has disappeared.

The metre sits at 0 now mostly but I still have some frequencies which still have some.? This Is still likely to be from neighbours. (it goes late at night)

I can live with this.

Cheers

Mark mw0mkg?

From: wizzbit_99
Sent: Friday, 29 November 2013 01:28
To: ic706@yahoogroups.com
Reply To: ic706@yahoogroups.com
Subject: [ic706] Re: Noise using ftdi chipset cat control cable

?

Many thanks for the feedback.

A good few things to consider.

The cable I got is exactly the Same one that is in the link from amazon.

One idea which mark picked up on was about unplugging the antenna.

Well I did that and it all went away.

I do have local noise anyway. It's probably a plasma or dodgy psu at a neighbours.
But this noise from the cat cable is another 'layer' on top again, That is to say I can audibly hear when the cable is plugged in.

I've tried 6 snap ons with no difference.

Just for the info I use 450 ohm ladder line going straight into a tuner (doublet)

So is it maybe the fact I've already got noise is making this data noise detectable?

Maybe I should wait until the neighbourhood noise dies down and try it then.

Many thanks

Mark mw0mkg

--- In ic706@yahoogroups.com, Mark Brueggemann wrote:
>
>
>
> From: wizzbit_99 >
> > I'm using one of those cables commonly found on
> > Ebay but with the ftdi chipset (prolific yuck!)
> > The problem is it raises my noise level atleast an extra 3 s points.
> > When unplugged the noise goes to 0.
>
> What happens when you unplug the antenna??
>
> Just as culpable as a radiating USB cable can be, the lack of shielding/isolation of the antenna feed can be just as much a contributor.? If effectively your antenna is right next to the data cable, even a tiny amount of EMI will cause interference.
>
> If adding ferrites to the USB cable helps, then great.? I would also look at improving the isolation of your antenna feed too.
>
>
> Mark K5LXP
> Albuquerque, NM?
>

# 20905. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-29 14:48:15 UTC
From: qrv@kd4e.com
Topic: 20733  Message: 20905

Paul Lutus appears to have solved the Icom 706-series
memory label programming challenge - if I follow his
rocket scientist (literally) explanation ...

Here's something written in Python in Linux but the author
says should port to a Microsoft version of windows:
http://www.arachnoid.com/IcomProgrammer/index.html

There's a link to an app here - with tone of limitations for the
original 706 & 706MKii and some for the "G" as well:
http://groups.yahoo.com/neo/groups/ic706/conversations/topics/18666

Here's the flrig control program:
http://www.w1hkj.com/flrig-help/index.html

Here's a different rig control app:
http://www.arachnoid.com/JRX/index.html

Here is another project:
http://sk3w.se/sm7lcb/remote/development_01/index.htm

There used to be some links here but the waybackmachine archives
didn't save the link content:
http://www.icomelmer.com/programming.html

HTH ... 73, David KD4E

> It doesn't look like Windows 7 is supported, anybody know if it will run
> on Win 7 x64?
> In a message dated 9/17/2013 10:11:12 P.M. Central Standard Time,
> awaschka@... writes:
>
> I don't know what you mean by the "spamware vesion". I downloaded
> a shareware version (from here: http://www.qsl.net/ve6yp/) that
> works, doesn't have ads, and my virus checker says is OK. It says
> you must register it to get certain functions, none of which are
> required to program the 706.
> Al
>
> ---
> *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On
> Behalf Of *Vincent
> *Sent:* Tuesday, September 17, 2013 8:06 PM
> *To:* ic706@yahoogroups.com
> *Subject:* Re: [ic706] Programing IC-706 Memories from a PC
>
> Hello All,

> Re: Al's e-mail below, I looked online and noticed that programming
> cables for the IC-706 are readily available at a reasonable price.
> However, it looks like the YPlog Program costs quite a bit unless
> you download the Spamware version? I am just interested in
> programming the radio without
> the control and logging functions. Does anyone know of a software
> program that is free or inexpensive that will program the IC-706?
> Thanks,
> Kevin
> KA4VAS
>
> *From:* Al Waschka <awaschka@...>
> *To:* ic706@yahoogroups.com
> *Sent:* Saturday, September 14, 2013 11:54 AM
> *Subject:* [ic706] Programing IC-706 Memories from a PC
> I stumbled across this on the CHIRP reflector, where someone was
> asking about programming the 706 memories. I think I have seem
> similar questions here. I was interested because I put a lot of
> time into programming my 706 mobile rig from the front panel and was
> looking for an easier way to duplicate the loads in my 706MkII which
> is replacing the 706.
> The logging program YPlog has the capability to read and write
> memories in the 706 family of radios (among others). There are a
> few subtleties I have deduced from my limited experiments.
> 1. The memory data table is not editable by common techniques such
> as COPY, CUT, and PASTE. You may only enter and delete data in
> single fields.
> 2. You can program memories as splits for repeaters by loading a TX
> OFFSET, however, contrary to the HELP file's claim, entering 600k
> will not set the split to 600 kHz. One must use 0.6 (as in MHz).
> 3. YPlog can WRITE offsets to the radio but does not READ offsets
> from the radio.
> 4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the
> calling channel is 102.
> 5. The radio indicates that a tone is loaded into all memories where
> FM mode is programmed. I'm guessing that they are all loaded with
> the tone that is set in the radio's menu.
> I used a Timewave HamLinkUSB cable, with the appropriate driver, of
> course.
> Hope this is useful news. It was for me.
> Al K5TAN
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com/>
> Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date:
> 09/14/13
>
>

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20906. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-30 04:37:39 UTC
From: Al Waschka
Topic: 20733  Message: 20906

Quote from the first link:

"(As it turns out, every one of my Icom transceivers accepts memory labels except the IC-706MKII.)"

Unless I'm missing something I don't think it is possible to program memory names in the 706 series.....

Al
K5TAN

---

From: "qrv@kd4e.com" <qrv@...>
To: ic706@yahoogroups.com
Sent: Friday, November 29, 2013 9:48 AM
Subject: Re: [ic706] Programing IC-706 Memories from a PC

Paul Lutus appears to have solved the Icom 706-series
memory label programming challenge - if I follow his
rocket scientist (literally) explanation ...

Here's something written in Python in Linux but the author
says should port to a Microsoft version of windows:
http://www.arachnoid.com/IcomProgrammer/index.html

There's a link to an app here - with tone of limitations for the
original 706 & 706MKii and some for the "G" as well:
http://groups.yahoo.com/neo/groups/ic706/conversations/topics/18666

Here's the flrig control program:
http://www.w1hkj.com/flrig-help/index.html

Here's a different rig control app:
http://www.arachnoid.com/JRX/index.html

Here is another project:
http://sk3w.se/sm7lcb/remote/development_01/index.htm

There used to be some links here but the waybackmachine archives
didn't save the link content:
http://www.icomelmer.com/programming.html

HTH ... 73, David KD4E

> It doesn't look like Windows 7 is supported, anybody know if it will run
> on Win 7 x64?
> In a message dated 9/17/2013 10:11:12 P.M. Central Standard Time,
> awaschka@... writes:

>
> I don't know what you mean by the "spamware vesion". I downloaded
> a shareware version (from here: http://www.qsl.net/ve6yp/) that
> works, doesn't have ads, and my virus checker says is OK. It says
> you must register it to get certain functions, none of which are
> required to program the 706.
> Al
>
> ---
> *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On
> Behalf Of *Vincent
> *Sent:* Tuesday, September 17, 2013 8:06 PM
> *To:* ic706@yahoogroups.com
> *Subject:* Re: [ic706] Programing IC-706 Memories from a PC
>
> Hello All,
> Re: Al's e-mail below, I looked online and noticed that programming
> cables for the IC-706 are readily available at a reasonable price.
> However, it looks like the YPlog Program costs quite a bit unless
> you download the Spamware version? I am just interested in
> programming the radio without
> the control and logging functions. Does anyone know of a software
> program that is free or inexpensive that will program the IC-706?
> Thanks,
> Kevin
> KA4VAS
>
> *From:* Al Waschka <awaschka@...>
> *To:* ic706@yahoogroups.com
> *Sent:* Saturday, September 14, 2013 11:54 AM
> *Subject:* [ic706] Programing IC-706 Memories from a PC
> I stumbled across this on the CHIRP reflector, where someone was
> asking about programming the 706 memories. I think I have seem
> similar questions here. I was interested because I put a lot of
> time into programming my 706 mobile rig from the front panel and was
> looking for an easier way to duplicate the loads in my 706MkII which
> is replacing the 706.
> The logging program YPlog has the capability to read and write
> memories in the 706 family of radios (among others). There are a
> few subtleties I have deduced from my limited experiments.
> 1. The memory data table is not editable by common techniques such
> as COPY, CUT, and PASTE. You may only enter and delete data in
> single fields.
> 2. You can program memories as splits for repeaters by loading a TX
> OFFSET, however, contrary to the HELP file's claim, entering 600k
> will not set the split to 600 kHz. One must use 0.6 (as in MHz).
> 3. YPlog can WRITE offsets to the radio but does not READ offsets
> from the radio.
> 4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the
> calling channel is 102.

> 5. The radio indicates that a tone is loaded into all memories where
> FM mode is programmed. I'm guessing that they are all loaded with
> the tone that is set in the radio's menu.
> I used a Timewave HamLinkUSB cable, with the appropriate driver, of
> course.
> Hope this is useful news. It was for me.
> Al K5TAN
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com/>
> Version: 2013.0.3408 / Virus Database: 3222/6665 - Release Date:
> 09/14/13
>
>

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20907. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-30 15:31:15 UTC
From: Alan Beagley
Topic: 20733  Message: 20907

On 11/29/13 11:37 pm, Al Waschka wrote:
> Quote from the first link:
>
> "(As it turns out, every one of my Icom transceivers accepts memory labels except the IC-706MKII.)"
>
> Unless I'm missing something I don't think it is possible to program memory names in the 706 series.....
Nor is it possible to program PL tones remotely on the 706 series rigs.

Nor is it possible to program PL tones remotely on the 706 series rigs.

73

Alan NV8A

# 20908. RE: Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-01 09:42:56 UTC
From: <i2-2900@...>
Topic: 20733  Message: 20908

Look here: http://www.iz2bkt.com/forum/viewtopic.php?f=2&t=29
http://www.iz2bkt.com/forum/viewtopic.php?f=2&t=29

---In ic706@yahoogroups.com, <awaschka@...> wrote:

I stumbled across this on the CHIRP reflector, where someone was asking about programming the 706 memories. I think I have seem similar questions here. I was interested because I put a lot of time into programming my 706 mobile rig from the front panel and was looking for an easier way to duplicate the loads in my 706MkII which is replacing the 706.

The logging program YPlog has the capability to read and write memories in the 706 family of radios (among others). There are a few subtleties I have deduced from my limited experiments.

1. The memory data table is not editable by common techniques such as COPY, CUT, and PASTE. You may only enter and delete data in single fields.
2. You can program memories as splits for repeaters by loading a TX OFFSET, however, contrary to the HELP file's claim, entering 600k will not set the split to 600 kHz. One must use 0.6 (as in MHz).
3. YPlog can WRITE offsets to the radio but does not READ offsets from the radio.
4. Memories P1 and P2 in the radio are 100 and 101 in YPlog and the calling channel is 102.
5. The radio indicates that a tone is loaded into all memories where FM mode is programmed. I'm guessing that they are all loaded with the tone that is set in the radio's menu.

I used a Timewave HamLinkUSB cable, with the appropriate driver, of course.

Hope this is useful news. It was for me.

Al K5TAN

# 20909. Re: [ic706] Programing IC-706 Memories from a PC

Yahoo group: ic706 (2010 — 2015)
Date: 2013-11-30 20:52:32 UTC
From: qrv@kd4e.com
Topic: 20733  Message: 20909

Note the last sentence, which I have separated and highlighted, could it be that he got past the limitation?

"... the IC-706MKII, which, although fully operational, is far behind the times in a technical sense. But to fully exploit this new radio, I needed to replace my previous programming method written in Ruby. Among the problems with the prior method are that it didn't program memory names (alphanumeric labels), for those Icom radios that have this ability. (As it turns out, every one of my Icom transceivers accepts memory labels except the IC-706MKII.) Another problem was that the Ruby program didn't communicate with the radio very fast for a reason I didn't understand at the time."

*Both these issues are addressed in this new project.*

David

> Quote from the first link:
>
> "(As it turns out, every one of my Icom transceivers accepts memory
> labels except the IC-706MKII.)"
>
> Unless I'm missing something I don't think it is possible to program
> memory names in the 706 series.....
>
> Al
> K5TAN

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20910. Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-03 14:23:22 UTC
From: qrv@kd4e.com
Topic: 20910  Message: 20910

I'm considering a G-model but don't want to pay the higher
price unless certain of the finals and the seller is not
comfortable opening his rig.

If the Serial # is 15xxxxxx is it definitely Mitsubishi?

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20911. Re: [ic706] Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-04 01:31:29 UTC
From: mikerodgerske5gbc@...
Topic: 20910  Message: 20911

Sounds fishy to me?
I can check my serial number tomorrow.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Dec 3, 2013, at 8:23 AM, "qrv@kd4e.com" <qrv@...> wrote:

> I'm considering a G-model but don't want to pay the higher
> price unless certain of the finals and the seller is not
> comfortable opening his rig.
>
> If the Serial # is 15xxxxxx is it definitely Mitsubishi?
>
> --
>
> Thanks! & 73, KD4E.com
>
> David Colburn - Nevils, Georgia USA
>
> Search with: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20912. RE: [ic706] Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-04 01:42:49 UTC
From: Bert Morton
Topic: 20910  Message: 20912

My understanding is that all the MKIIg's with serial #'s 15XXXX have the Mitsubishi finals.. I would also think that ICOM could confirm this.

---

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of mikerodgerske5gbc@...
Sent: Tuesday, December 03, 2013 8:31 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Sounds fishy to me?

I can check my serial number tomorrow.

73

Mike R

Bluegrass white snow

- Patty Loveless

On Dec 3, 2013, at 8:23 AM, "qrv@..." <qrv@...> wrote:

I'm considering a G-model but don't want to pay the higher
price unless certain of the finals and the seller is not
comfortable opening his rig.

If the Serial # is 15xxxxxx is it definitely Mitsubishi?

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20913. Re: [ic706] Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-04 16:04:08 UTC
From: Joe
Topic: 20910  Message: 20913

My 706MKIIG is serial # 1508972 and has the new finals.

73, Joe, K1ike

On 12/3/2013 8:42 PM, Bert Morton wrote:
>
>
> My understanding is that all the MKIIg?s with serial #?s 15XXXX have
> the Mitsubishi finals.. I would also think that ICOM could confirm this.
>
>

# 20914. Re: [ic706] Did any 15xxxxxx G's have old finals or 100% Mitsubishi?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-04 16:21:16 UTC
From: Hroller McKnutt
Topic: 20910  Message: 20914

I glanced briefly at mine last night (706MkIIG) and it seems my serial
# is 1155... huh... do I really have that low a serial #? (I only had
a second and poor light but I'll double check it when I get home)

Mike

On Wed, Dec 4, 2013 at 10:04 AM, Joe <k1ike_mail@...> wrote:
> My 706MKIIG is serial # 1508972 and has the new finals.
>
> 73, Joe, K1ike
>
> On 12/3/2013 8:42 PM, Bert Morton wrote:
>>
>>
>> My understanding is that all the MKIIg’s with serial #’s 15XXXX have
>> the Mitsubishi finals.. I would also think that ICOM could confirm this.
>>
>>
>
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

--
Nullo edactore ligni, consilium cedet. - Countess Magda

# 20915. FS: Icom FL100 500hz CW filter

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-05 02:53:50 UTC
From: John Geiger
Topic: 14545  Message: 20915

I have for sale an Icom FL100 500hz CW filter. Works fine, just decided to use a FL101 in my 706MKII instead. This model works in the 706/725/726/728/729/736/737/738/746/756/761/765/775/781 series of radios. It will not work in the 703/707/718 models.

I am asking $75 shipped for it and can take paypal/check/MO.

73 John AF5CC

# 20916. WSPR on a Mac. mkIIg, signalink usb

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-05 08:33:31 UTC
From: <guenhwyvr@...>
Topic: 20916  Message: 20916

I've been trying to get WSPR to work on my mac, with little success. I can receive all day long, but whenever I try to transmit, I get the following error:

Error attempting to run rigctl.

rigctl -m 0 -r USB -s 4800 -C data_bits=8 -C stop_bits=1 -C serial_handshake=Hardware T 1

It's all greek to me. I understand that it's reading back my setup, but I don't know what (if anything) is wrong. When I acknowledge the error, the radio transmits, and I see it pop up on the WSPR website, but it won't TX without me acking the message. A little hard to do when you're thinking about letting it run all night for kicks.

Any help would be appreciated.

Details: Mac OS 10.9. SignaLink USB. RIGtalk CIV. Using the 13-pin DIN in the back of the radio.

Thanks!

Justin, N4ETC
(former KK4LSM)

# 20917. FLDIGI Signalink IC-706 VHF No Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-09 19:22:45 UTC
From: LARRY J. FORD
Topic: 20917  Message: 20917

Thanks in advance for any help, as I am "stuck" on a problem as noted above and described below:

I'm attempting to assist an ARES EC in a neighboring county with demonstration of FLDIGI/FLMSG/FLWRAP to his county's emergency manager this Thursday evening.

To do so, I need to operate FLDIGI with my Signalink and IC-706 ("original," no "Mark") in VHF mode to insure local propagation (NVIS HF "may" work, and is a fall-back, but we'd like to use 2-meter simplex to insure local communication).

I can get FLDIGI, my laptop (WIN 7 PRO) and the Signalink to "work" to the point of clicking on TX in FLDIGI, the program will output and trigger the Signalink into TX mode and the PTT light on the Signalink comes on. However, the IC-706 will not TX and there is no power output. I have run the TX knob on the Signalink almost fully clockwise with no effect.

The Signalink connects to the 706 via a cable to the 13-pin DIN ACCESSORY port on the rig, and I have changed the internal jumper on the Signalink as per the Signalink instructions from the HF "pin" to the VHF "pin" on the Signalink jumper box.

The IC-706 will not TX whether it is in VHF USB or FM mode. FLDIGI will "talk" to the 706 via a CI-V to USB cable to the laptop, it will read frequencies, change frequencies, etc. Running FLRIG (a companion to FLDIGI that acts as an "interface" between FLDIGI and certain rigs, e.g., IC-7200) makes no difference.

I'm stumped. I thought once I got the PTT light on the Signalink to come on, I was "home free."

Thanks,

Larry J. Ford
K4AEC

# 20918. Re: [ic706] FLDIGI Signalink IC-706 VHF No Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-09 20:01:37 UTC
From: Mark Brueggemann
Topic: 20917  Message: 20918

From: LARRY J. FORD <lford@...>

> The Signalink connects to the 706 via a cable to the 13-pin DIN ACCESSORY
> port on the rig, and I have changed the internal jumper on the Signalink
> as per the Signalink instructions from the HF "pin" to the VHF "pin" on
> the Signalink jumper box.

Verify
you are actually connecting PTT from the Signalink to Pin 3 of the
accessory connector.  I would guess you're connecting it to pin 7 which
is VSEND for MkII/MkIIG rigs but not for the original 706.

Mark K5LXP
Albuquerque, NM

# 20919. Re: [ic706] FLDIGI Signalink IC-706 VHF No Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-09 20:23:54 UTC
From: LARRY J. FORD
Topic: 20917  Message: 20919

Well, I've "verified" enough that the Signalink instructions say connect the PTT pin (left side of the jumper block) to Pin 3 for HF and Pin 4 for VHF for the 706/706MKII (according to the Signalink instructions). I switched the PTT wire from Pin 3 to Pin 4.

What is "VSEND" for the original 706 if not Pin 4?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Mon, 09 Dec 2013 03:01:51 PM EST
From: Mark Brueggemann <qrq_cw@yahoo.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] FLDIGI Signalink IC-706 VHF No Power Output

>
>
> From: LARRY J. FORD <lford@...>
>
> > The Signalink connects to the 706 via a cable to the 13-pin DIN ACCESSORY
> > port on the rig, and I have changed the internal jumper on the Signalink
> > as per the Signalink instructions from the HF "pin" to the VHF "pin" on
> > the Signalink jumper box.
>
> Verify
> you are actually connecting PTT from the Signalink to Pin 3 of the
> accessory connector.  I would guess you're connecting it to pin 7 which
> is VSEND for MkII/MkIIG rigs but not for the original 706.
>
>
>
> Mark K5LXP
> Albuquerque, NM
>
>

# 20920. RE: FLDIGI Signalink IC-706 VHF No Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-10 20:09:39 UTC
From: <khedgepe@...>
Topic: 20917  Message: 20920

Hi Larry,

I Know that you are able to use Winlink. Why not use it instead. Your throughput will be substantially better and it is a better mode.

kevin/NB7O

# 20921. Re: [ic706] RE: FLDIGI Signalink IC-706 VHF No Power Output

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-10 20:36:24 UTC
From: LARRY J. FORD
Topic: 20917  Message: 20921

Yes, I can use the Winlink system. I use the Winlink system a lot and love it, especially with my SCS P-III modem.

However, Winlink is NOT part of the conditions that have led to the test for which I posted a request for help.

These "conditions" include the fact that NC ARES is conducting a series of tests/exercises which dictate the use of MT-63 (a mode with which I am very familiar, due to its wide-spread use in MARS).

My issue is with the 706 NOT transmitting when the Signalink goes into PTT mode, not whether Winlink is better than MT-63.

Since posting, I think I may have discovered an error in the Signalink instructions for use in VHF mode with the IC-706, which may account for the inability to put the 706 in TX. Further experimenting tonight may reveal whether I am correct or not.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 10 Dec 2013 03:09:50 PM EST
From: <khedgepe@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] RE: FLDIGI Signalink IC-706 VHF No Power Output

> Hi Larry,
>
> I Know that you are able to use Winlink. Why not use it instead. Your throughput will be substantially better and it is a better mode.
>
> kevin/NB7O

# 20922. Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-10 23:43:16 UTC
From: Michael Vondran
Topic: 20922  Message: 20922

I am having a radio I sold returned to me because it was damaged during shipping.  I do not know the extent of the damage just yet but based on reports from the buyer it would appear that the sliding lock for the head unit was damaged and the RIT know on the head unit.  I am trying to get ahead of the game so I can fix this thing and was wondering if anyone knows where to find parts for an first gen IC-706.

Michael
AF5FC

# 20923. Re: [ic706] Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-11 00:01:42 UTC
From: <jack.mrfixit198@...>
Topic: 20922  Message: 20923

Michael, This is an on going problem for a lot of people, I would suguest that you post it in all 3 of the 706 forums as well as on as many ham radio lists / forums that you can find looking for a control head. IF you have the micro surface soldering skills then you can fix it your self. if you do not I can help you as I have the skills and tools with several repairs under my credit now including my own 706MIIG where it had the trace failure problem.

Jack Foster
N6UYB / WQLW220
Rars board (member @ large) 2011 – present
REACT Team 6195 president 2010-2014
N6UYB @ ARRL.net

From: Michael Vondran
Sent: Tuesday, December 10, 2013 6:43 PM
To: ic706@yahoogroups.com
Subject: [ic706] Parts for orginal IC-706

I am having a radio I sold returned to me because it was damaged during shipping. I do not know the extent of the damage just yet but based on reports from the buyer it would appear that the sliding lock for the head unit was damaged and the RIT know on the head unit. I am trying to get ahead of the game so I can fix this thing and was wondering if anyone knows where to find parts for an first gen IC-706.

Michael
AF5FC

# 20924. Re: [ic706] Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-11 00:29:48 UTC
From: John Geiger
Topic: 20922  Message: 20924

I would call Icom for the sliding lock and the RIT knob. Those are probably used on the 703 and maybe the 7000 as well, so they are probably stiill in stock. I ordered the latch parts from them a couple of years ago with no problem.

Scott Malcom at MTS also will sell off parts from unrepairable units he gets from time to time.

73 John AF5CC
----- Original Message -----
From: Michael Vondran
To: ic706@yahoogroups.com
Sent: Tuesday, December 10, 2013 11:43 PM
Subject: [ic706] Parts for orginal IC-706

I am having a radio I sold returned to me because it was damaged during shipping. I do not know the extent of the damage just yet but based on reports from the buyer it would appear that the sliding lock for the head unit was damaged and the RIT know on the head unit. I am trying to get ahead of the game so I can fix this thing and was wondering if anyone knows where to find parts for an first gen IC-706.

Michael
AF5FC

# 20925. Re: [ic706] Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-11 05:14:41 UTC
From: Mike Gormley
Topic: 20922  Message: 20925

"All 3 of the 706 forums"????? I am only aware of this one. How
do I get to the others?

Mike Gormley WA8VEC
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 12/10/2013 7:01 PM, jack.mrfixit198@... wrote:
>
> Michael, This is an on going problem for a lot of people, I would
> suguest that you post it in all 3 of the 706 forums as well as on as
> many ham radio lists / forums that you can find looking for a control
> head. IF you have the micro surface soldering skills then you can fix
> it your self. if you do not I can help you as I have the skills and
> tools with several repairs under my credit now including my own
> 706MIIG where it had the trace failure problem.
> Jack Foster
> N6UYB / WQLW220
> Rars board (member @ large) 2011 – present
> REACT Team 6195 president 2010-2014
> N6UYB @ ARRL.net
> *From:* Michael Vondran <mailto:locutus_of_texas@...>
> *Sent:* Tuesday, December 10, 2013 6:43 PM
> *To:* ic706@yahoogroups.com <mailto:ic706@yahoogroups.com>
> *Subject:* [ic706] Parts for orginal IC-706
>
>
> I am having a radio I sold returned to me because it was damaged
> during shipping. I do not know the extent of the damage just yet but
> based on reports from the buyer it would appear that the sliding lock
> for the head unit was damaged and the RIT know on the head unit. I am
> trying to get ahead of the game so I can fix this thing and was
> wondering if anyone knows where to find parts for an first gen IC-706.
>
> Michael
> AF5FC
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13
>

# 20926. Re: [ic706] Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-11 07:10:42 UTC
From: mikerodgerske5gbc@...
Topic: 20922  Message: 20926

706MK2G, not sure about third one.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Dec 10, 2013, at 11:14 PM, Mike Gormley <WA8VEC@ARRL.net> wrote:

> "All 3 of the 706 forums"????? I am only aware of this one. How do I get to the others?
> Mike Gormley WA8VEC
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
> On 12/10/2013 7:01 PM, jack.mrfixit198@... wrote:
>>
>> Michael, This is an on going problem for a lot of people, I would suguest that you post it in all 3 of the 706 forums as well as on as many ham radio lists / forums that you can find looking for a control head. IF you have the micro surface soldering skills then you can fix it your self. if you do not I can help you as I have the skills and tools with several repairs under my credit now including my own 706MIIG where it had the trace failure problem.
>>
>>
>> Jack Foster
>> N6UYB / WQLW220
>> Rars board (member @ large) 2011 – present
>> REACT Team 6195 president 2010-2014
>> N6UYB @ ARRL.net
>>
>>
>>
>> From: Michael Vondran
>> Sent: Tuesday, December 10, 2013 6:43 PM
>> To: ic706@...m
>> Subject: [ic706] Parts for orginal IC-706
>>
>>
>>
>> I am having a radio I sold returned to me because it was damaged during shipping. I do not know the extent of the damage just yet but based on reports from the buyer it would appear that the sliding lock for the head unit was damaged and the RIT know on the head unit. I am trying to get ahead of the game so I can fix this thing and was wondering if anyone knows where to find parts for an first gen IC-706.

>>
>> Michael
>> AF5FC
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13
>>
>
>

# 20927. Re: [ic706] Parts for orginal IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-11 13:12:03 UTC
From: <jack.mrfixit198@...>
Topic: 20922  Message: 20927

706, 706MkII, 706MKIIG they are all yahoo group I think one may be a hot mail group I was in all 3 but it got to stupid in a few so I unsubed.

Mike, go to your web based yahoo groups and search for 706* and you will find more also from the yahoo GROUPS search you can put in HAM RADIO and there are a LOT of groups. Some are not radio related as they also use the term HAM for a Harly MC yousers group.

From: mikerodgerske5gbc@...
Sent: Wednesday, December 11, 2013 2:10 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Parts for orginal IC-706

706MK2G, not sure about third one.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Dec 10, 2013, at 11:14 PM, Mike Gormley <WA8VEC@...> wrote:

"All 3 of the 706 forums"????? I am only aware of this one. How do I get to the others?

Mike Gormley WA8VEC
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.CallerOn 12/10/2013 7:01 PM, jack.mrfixit198@... wrote:

Michael, This is an on going problem for a lot of people, I would suguest that you post it in all 3 of the 706 forums as well as on as many ham radio lists / forums that you can find looking for a control head. IF you have the micro surface soldering skills then you can fix it your self. if you do not I can help you as I have the skills and tools with several repairs under my credit now including my own 706MIIG where it had the trace failure problem.

Jack Foster
N6UYB / WQLW220
Rars board (member @ large) 2011 – present
REACT Team 6195 president 2010-2014
N6UYB @ ARRL.net

From: Michael Vondran
Sent: Tuesday, December 10, 2013 6:43 PM
To: ic706@yahoogroups.com
Subject: [ic706] Parts for orginal IC-706

I am having a radio I sold returned to me because it was damaged during shipping. I do not know the extent of the damage just yet but based on reports from the buyer it would appear that the sliding lock for the head unit was damaged and the RIT know on the head unit. I am trying to get ahead of the game so I can fix this thing and was wondering if anyone knows where to find parts for an first gen IC-706.

Michael
AF5FC

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6908 - Release Date: 12/10/13

# 20928. Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 16:32:08 UTC
From: qrv@kd4e.com
Topic: 20928  Message: 20928

I have an LDG IT-100 autotuner I'd like to use with
my recently acquired 706mk2g.

Do I need to build a cable or is one readily available
for a reasonable price?

I didn't see anything on the LDG or Universal Radio
sites.

Thanks!

David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20929. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 21:06:45 UTC
From: mikerodgerske5gbc@...
Topic: 20928  Message: 20929

I would call or email LDG.

Mike R

Bluegrass white snow
- Patty Loveless

On Dec 12, 2013, at 10:32 AM, "qrv@..." <qrv@...> wrote:

> I have an LDG IT-100 autotuner I'd like to use with
> my recently acquired 706mk2g.
>
> Do I need to build a cable or is one readily available
> for a reasonable price?
>
> I didn't see anything on the LDG or Universal Radio
> sites.
>
> Thanks!
>
> David
>
> --
>
> Thanks! & 73, KD4E.com
>
> David (never Dave) Colburn - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20930. RE: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 21:49:32 UTC
From: Jan
Topic: 20928  Message: 20930

Try this link

http://www.ldgelectronics.com/c/252/products/13/23/2

jan

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of mikerodgerske5gbc@...
Sent: Thursday, December 12, 2013 10:07 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Autotuner Cable?

I would call or email LDG.

Mike R

Bluegrass white snow

- Patty Loveless

On Dec 12, 2013, at 10:32 AM, "qrv@..." <qrv@...> wrote:

I have an LDG IT-100 autotuner I'd like to use with
my recently acquired 706mk2g.

Do I need to build a cable or is one readily available
for a reasonable price?

I didn't see anything on the LDG or Universal Radio
sites.

Thanks!

David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20931. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 21:26:22 UTC
From: Ronnie Hull
Topic: 20928  Message: 20931

I'm getting ready to order the IT100 and it is advertised as coming with the cable to interface it with the 706 !

Sent from Ronnie's IPhone

> On Dec 12, 2013, at 10:32 AM, "qrv@..." <qrv@...> wrote:
>
> I have an LDG IT-100 autotuner I'd like to use with
> my recently acquired 706mk2g.
>
> Do I need to build a cable or is one readily available
> for a reasonable price?
>
> I didn't see anything on the LDG or Universal Radio
> sites.
>
> Thanks!
>
> David
>
> --
>
> Thanks! & 73, KD4E.com
>
> David (never Dave) Colburn - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20932. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 21:54:30 UTC
From: qrv@kd4e.com
Topic: 20928  Message: 20932

Unless it's the wrong picture the connectors don't
match either the IT-100 or the 706mk2 connectors.

In the associate picture there's a 7200 connector
on one end & looks like two 1/8" connectors on the
other.

The IT-100 has a mini-din and the 706mk2g has a
13-pin connector.

David

> Try this link
>
> http://www.ldgelectronics.com/c/252/products/13/23/2
>
> jan
>
>
> I would call or email LDG.
>
> Mike R
>
> Bluegrass white snow
>
> - Patty Loveless
>
>
> On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...>"
> <qrv@... <mailto:qrv@...>> wrote:
>
> I have an LDG IT-100 autotuner I'd like to use with
> my recently acquired 706mk2g.
>
> Do I need to build a cable or is one readily available
> for a reasonable price?
>
> I didn't see anything on the LDG or Universal Radio
> sites.
>
> Thanks!
>
> David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20933. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-12 22:44:39 UTC
From: qrv@kd4e.com
Topic: 20928  Message: 20933

Got mine used with only the 7200 cable. :-(

> I'm getting ready to order the IT100 and it is advertised as coming with
> the cable to interface it with the 706 !
>
> Sent from Ronnie's IPhone
>
> On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...>"
> <qrv@... <mailto:qrv@...>> wrote:
>
>> I have an LDG IT-100 autotuner I'd like to use with
>> my recently acquired 706mk2g.
>>
>> Do I need to build a cable or is one readily available
>> for a reasonable price?
>>
>> I didn't see anything on the LDG or Universal Radio
>> sites.
>>
>> Thanks!
>>
>> David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20934. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-13 01:23:37 UTC
From: LARRY J. FORD
Topic: 20928  Message: 20934

The ICOM IC-706 series (and virtually all ICOM rigs since the 706) has a 4-pin Molex connector on the back, in addition to the 13-pin DIN ACCESSORY Port. The ICOM AH-4 series, and possibly the ICOM desktop autotuner series as well, uses that 4-pin Molex connector as the AH-4 has a control cable with a matching Molex plug on the rig end.

Many non-ICOM autotuners now take advantage of that 4-pin Molex connector port by having an ICOM AH-4 compatible plug and control cable so that the autotuner can "emulate" the ICOM series and "make" the ICOM rig "think" an ICOM tuner is connected, thereby enabling the "TUNE" button on the front of the rig.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 12 Dec 2013 08:01:20 PM EST
From: "qrv@..." <qrv@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Autotuner Cable?

> Unless it's the wrong picture the connectors don't
> match either the IT-100 or the 706mk2 connectors.
>
> In the associate picture there's a 7200 connector
> on one end & looks like two 1/8" connectors on the
> other.
>
> The IT-100 has a mini-din and the 706mk2g has a
> 13-pin connector.
>
> David
>
> > Try this link
> >
> > http://www.ldgelectronics.com/c/252/products/13/23/2
> >
> > jan
> >
> >
> > I would call or email LDG.
> >
> > Mike R
> >
> > Bluegrass white snow
> >
> > - Patty Loveless

> >
> >
> > On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...>"
> > <qrv@... <mailto:qrv@...>> wrote:
> >
> > I have an LDG IT-100 autotuner I'd like to use with
> > my recently acquired 706mk2g.
> >
> > Do I need to build a cable or is one readily available
> > for a reasonable price?
> >
> > I didn't see anything on the LDG or Universal Radio
> > sites.
> >
> > Thanks!
> >
> > David
>
>
>
> --
>
> Thanks! & 73, KD4E.com
>
> David (never Dave) Colburn - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20935. RE: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-13 01:51:38 UTC
From: Jan
Topic: 20928  Message: 20935

Yes, that’s the wrong picture.

LDG tells you to go to Cheapham.com. There you will find the correct cable as “LDG IC-7K Icom Interface Cable”

Jan – LB2AG

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of qrv@...
Sent: Thursday, December 12, 2013 10:55 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Autotuner Cable?

Unless it's the wrong picture the connectors don't
match either the IT-100 or the 706mk2 connectors.

In the associate picture there's a 7200 connector
on one end & looks like two 1/8" connectors on the
other.

The IT-100 has a mini-din and the 706mk2g has a
13-pin connector.

David

> Try this link
>
> http://www.ldgelectronics.com/c/252/products/13/23/2
>
> jan
>
>
> I would call or email LDG.
>
> Mike R
>
> Bluegrass white snow
>
> - Patty Loveless
>
>
> On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...%20%3cmailto:qrv@...%3e>
<mailto:qrv@...>"
> <qrv@... <mailto:qrv@...%20%3cmailto:qrv@...> <mailto:qrv@kd4e.com>> wrote:
>
> I have an LDG IT-100 autotuner I'd like to use with
> my recently acquired 706mk2g.
>

> Do I need to build a cable or is one readily available
> for a reasonable price?
>
> I didn't see anything on the LDG or Universal Radio
> sites.
>
> Thanks!
>
> David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20936. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-13 07:33:03 UTC
From: F5IJO-1
Topic: 20928  Message: 20936

I built the AA4PB interface described in QST March-2004 (p33). I works
wonderfully with my SGC. I don't know if this can be extended to other
brands tuners though...
F5IJO - Jean-Jacques

Le 13/12/2013 02:51, Jan a écrit :
>
> Yes, that’s the wrong picture.
>
> LDG tells you to go to Cheapham.com. There you will find the correct
> cable as “LDG IC-7K Icom Interface Cable”
>
> Jan – LB2AG
>
> *From:*ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] *On Behalf
> Of *qrv@...
> *Sent:* Thursday, December 12, 2013 10:55 PM
> *To:* ic706@yahoogroups.com
> *Subject:* Re: [ic706] Autotuner Cable?
>
> Unless it's the wrong picture the connectors don't
> match either the IT-100 or the 706mk2 connectors.
>
> In the associate picture there's a 7200 connector
> on one end & looks like two 1/8" connectors on the
> other.
>
> The IT-100 has a mini-din and the 706mk2g has a
> 13-pin connector.
>
> David
>
> > Try this link
> >
> > http://www.ldgelectronics.com/c/252/products/13/23/2
> >
> > jan
> >
> >
> > I would call or email LDG.
> >
> > Mike R
> >
> > Bluegrass white snow
> >

> > - Patty Loveless
> >
> >
> > On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...>
> <mailto:qrv@...%20%3cmailto:qrv@...%3e>"
> > <qrv@... <mailto:qrv@...
> <mailto:qrv@...%20%3cmailto:qrv@...>>> wrote:
> >
> > I have an LDG IT-100 autotuner I'd like to use with
> > my recently acquired 706mk2g.
> >
> > Do I need to build a cable or is one readily available
> > for a reasonable price?
> >
> > I didn't see anything on the LDG or Universal Radio
> > sites.
> >
> > Thanks!
> >
> > David
>
> --
>
> Thanks! & 73, KD4E.com
>
> David (never Dave) Colburn - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>

---
Ce courrier électronique ne contient aucun virus ou logiciel malveillant parce que la
protection avast! Antivirus est active.
http://www.avast.com

# 20937. Re: [ic706] Autotuner Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-13 03:33:25 UTC
From: qrv@kd4e.com
Topic: 20928  Message: 20937

The one time I try to read the manual first ... arghhh!

Reading your post I then go and pull the rig further out than before
and now I see, hidden by the heat sink when I only peered over the
top edge, the 7200-type connector.

Sigh.

I've got that one! :-)

Thanks!

> The ICOM IC-706 series (and virtually all ICOM rigs since the 706) has a
> 4-pin
> Molex connector on the back, in addition to the 13-pin DIN ACCESSORY Port.
> The ICOM AH-4 series, and possibly the ICOM desktop autotuner series as
> well,
> uses that 4-pin Molex connector as the AH-4 has a control cable with a
> matching Molex plug on the rig end.
>
> Many non-ICOM autotuners now take advantage of that 4-pin Molex
> connector port
> by having an ICOM AH-4 compatible plug and control cable so that the
> autotuner
> can "emulate" the ICOM series and "make" the ICOM rig "think" an ICOM
> tuner is
> connected, thereby enabling the "TUNE" button on the front of the rig.
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Thu, 12 Dec 2013 08:01:20 PM EST
> From: "qrv@..." <qrv@...>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Autotuner Cable?
>
> > Unless it's the wrong picture the connectors don't
> > match either the IT-100 or the 706mk2 connectors.
> > >
> > > In the associate picture there's a 7200 connector
> > > on one end & looks like two 1/8" connectors on the
> > > other.
> > >
> > > The IT-100 has a mini-din and the 706mk2g has a

> > 13-pin connector.
> >
> > David
> >
> > > Try this link
> > >
> > > http://www.ldgelectronics.com/c/252/products/13/23/2
> > >
> > > jan
> > >
> > >
> > > I would call or email LDG.
> > >
> > > Mike R
> > >
> > > Bluegrass white snow
> > >
> > > - Patty Loveless
> > >
> > >
> > > On Dec 12, 2013, at 10:32 AM, "qrv@... <mailto:qrv@...>"
> > > <qrv@... <mailto:qrv@...>> wrote:
> > >
> > > I have an LDG IT-100 autotuner I'd like to use with
> > > my recently acquired 706mk2g.
> > >
> > > Do I need to build a cable or is one readily available
> > > for a reasonable price?
> > >
> > > I didn't see anything on the LDG or Universal Radio
> > > sites.
> > >
> > > Thanks!
> > >
> > > David

--

Thanks! & 73, KD4E.com

David (never Dave) Colburn - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20938. Interfacing RigBlaster Plus

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-18 18:25:35 UTC
From: <kb8cmw@...>
Topic: 20938  Message: 20938

Hello to the group.
I'm trying to interfacing RigBlaster Plus to my IC-706 M2G.
Using ACC jack on the back of the rig,and Dell laptop which
doesn't have serial port.I receive fine but no transmit.I've turned
off option #30 in 706 to off.If I short the cable marked PTT out
of ACC jack I see the rig key up.The cable marked PTT I've wired
to RigBlaster.

Any ideas?
Thanks
Paul

# 20939. Happy New Year 2014 to all ic706 list members

Yahoo group: ic706 (2010 — 2015)
Date: 2013-12-31 21:31:14 UTC
From: <dhobson123@...>
Topic: 20939  Message: 20939

GA,
Just wanted to wish all ic706 list members a very Happy New Year...GL on the bands in 2014!

Don KB9UMT
www.30mdg.net < 30 Meter Digital Group >

# 20940. European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-02 04:56:36 UTC
From: bgolpmp
Topic: 20940  Message: 20940

I have a european model 706 and would like to know if it is possible to open up the vhf band???? The only repeater that I use is in the upper part of the band. I have looked online and there is nothing that is just for the european models.

Thanks and 73's

Andy

# 20941. Re: [ic706] European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-02 05:12:40 UTC
From: Facility 406 DM09
Topic: 20940  Message: 20941

"have looked online and there is nothing that is just for the european models."

What about duplicating the jumpers in the US model?

For example, there might be jumper 3 and 7 in the US and only 9 in EU. Remove nine, add 3 and 7 turning it into a US model. That's just an example, I haven't looked at that in this model, but several of my other rigs since the 90's have worked that way, some service manuals even show the different configurations for different regions.

I guess the first place to start would be finding a US MARS/CAP mod pic, then compare that to the jumpers you have.

Kurt

# 20942. BktRemote Suite

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-03 11:06:18 UTC
From: <i2-2900@...>
Topic: 20942  Message: 20942

IZ2BKT has released a beta version of the suite BktRemote. I tried the version for Smartphone Android and, even if it is a beta, works fine on local WiFi network. With the Smartphone can use the IC-706MKII/G changing frequency, mode and filter, to hear the audio being received and transmitted using the same smartphone.

http://www.iz2bkt.com/BktRemote/BktRemote_en.htm
http://www.iz2bkt.com/BktRemote/BktRemote_en.htm

# 20943. RE: European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-03 13:50:27 UTC
From: <da_kaeptn@...>
Topic: 20940  Message: 20943

How much do you like to open up the vhf band?

Years ago i owned a 706MK1 (europ.) an did a mod to open up from 140 > 162 MHz.
This is the range where the bpf is usable. Sending outside this range will cause spourious signals.
The only problem, the file i have is in german language but i found a english one on the net, which is
basically identic.
So drop me a line and I send both.

73 de DO1KLM, Sigi

# 20944. Watch the MDSR TAPR presentation on how to upgrade RIGs to SDR

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-04 16:38:50 UTC
From: <alexschwarz237@...>
Topic: 20944  Message: 20944

Hi Everybody;

Gary Pearce (KN4AQ) is presenting the MDSR project in his 116th. episode of HAM Radio Now.

You can watch his take on the show and introduction followed by the talk given by Alex Schwarz (VE7DXW) about the MDSR project.

Your transceiver, a computer and a LIF2012 kit is all you need to experience the MDSR software and turn your rig into a SDR radio.

Here is the link:
http://arvideonews.com/hrn/HRN_Episode_0116.html
http://arvideonews.com/hrn/HRN_Episode_0116.html

All the best and Happy New Year;

Alex
VE7DXW

# 20945. Re: [ic706] Watch the MDSR TAPR presentation on how to upgrade RIGs to SDR

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-04 20:52:32 UTC
From: mikerodgerske5gbc@...
Topic: 20944  Message: 20945

I wonder if there is a podcast ( audio) version of this?

73
Mike R

Bluegrass white snow
- Patty Loveless

On Jan 4, 2014, at 10:38 AM, <alexschwarz237@...> wrote:

> Hi Everybody;
>
> Gary Pearce (KN4AQ) is presenting the MDSR project in his 116th. episode of HAM Radio Now.
>
> You can watch his take on the show and introduction followed by the talk given by Alex Schwarz (VE7DXW) about the MDSR project.
>
> Your transceiver, a computer and a LIF2012 kit is all you need to experience the MDSR software and turn your rig into a SDR radio.
>
> Here is the link:
>
> http://arvideonews.com/hrn/HRN_Episode_0116.html
>
>
> All the best and Happy New Year;
>
> Alex
> VE7DXW
>
>

# 20946. Re: [ic706] Watch the MDSR TAPR presentation on how to upgrade RIGs to SDR

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-04 21:01:12 UTC
From: mikerodgerske5gbc@...
Topic: 20944  Message: 20946

I'll answer my own question, yes there is a podcast version.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Jan 4, 2014, at 2:52 PM, mikerodgerske5gbc@... wrote:

> I wonder if there is a podcast ( audio) version of this?
>
> 73
> Mike R
>
> Bluegrass white snow
> - Patty Loveless
>
> On Jan 4, 2014, at 10:38 AM, <alexschwarz237@...> wrote:
>
>>
>> Hi Everybody;
>>
>> Gary Pearce (KN4AQ) is presenting the MDSR project in his 116th. episode of HAM Radio Now.
>>
>> You can watch his take on the show and introduction followed by the talk given by Alex Schwarz (VE7DXW) about the MDSR project.
>>
>> Your transceiver, a computer and a LIF2012 kit is all you need to experience the MDSR software and turn your rig into a SDR radio.
>>
>> Here is the link:
>>
>> http://arvideonews.com/hrn/HRN_Episode_0116.html
>>
>>
>> All the best and Happy New Year;
>>
>> Alex
>> VE7DXW
>>
>
>

# 20947. Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-04 23:21:10 UTC
From: ko6r
Topic: 20947  Message: 20947

Refined description of my audio problem on the 706MkIIG:

When I power it up, I cannot get any audio out on VHF FM.
After the rig has warmed up for about 15 minutes or so, it works fine.
New data:
There is no problem at all on VHF USB. Works fine right after power-up.
If anyone has any thoughts about what I might do, before I send it off at what will probably be considerable cost for diagnosis and treatment, I'd appreciate your letting me know.

Thanks in advance,
Peter KO6R

# 20948. Re: [ic706] Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-05 16:08:04 UTC
From: Bob Ralph
Topic: 20947  Message: 20948

Squelch setting ?

Bob G4KSG

Connected by Motorola

ko6r <ko6r@yahoo.com> wrote:

>
>
>Refined description of my audio problem on the 706MkIIG:
>
>When I power it up, I cannot get any audio out on VHF FM.
>After the rig has warmed up for about 15 minutes or so, it works fine.
>New data:
>There is no problem at all on VHF USB. Works fine right after power-up.
>If anyone has any thoughts about what I might do, before I send it off at what will probably be considerable cost for diagnosis and treatment, I'd appreciate your letting me know.
>
>Thanks in advance,
>Peter KO6R
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title

a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

# 20949. Re: [ic706] Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-05 17:04:07 UTC
From: Joe
Topic: 20947  Message: 20949

This has gotten me more than once, usually when going from FM to SSB operation. Damn multifunction knobs.....Joe

On 1/5/2014 11:08 AM, Bob Ralph wrote:
> Squelch setting ?
>
> Bob G4KSG
>
>

# 20950. MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-05 19:19:42 UTC
From: <michaelheit@...>
Topic: 20950  Message: 20950

Is there a file on how to mod a mark 2 for MARS? Maybe a video? Thanks.

Mike AD7VV

# 20951. Re: European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-05 21:53:14 UTC
From: bgolpmp
Topic: 20940  Message: 20951

If you do have a minute please send it to me. This is my only radio and I am not sure I want to take the chance of messing it up but I would like to see what it would take to do it and who knows.

amckenna1@...

Thanks

Andy
--- In ic706@yahoogroups.com, <da_kaeptn@...> wrote:
>
> How much do you like to open up the vhf band?
>
>
> Years ago i owned a 706MK1 (europ.) an did a mod to open up from 140 > 162 MHz.
> This is the range where the bpf is usable. Sending outside this range will cause spourious signals.
> The only problem, the file i have is in german language but i found a english one on the net, which is
> basically identic.
> So drop me a line and I send both.
>
>
> 73 de DO1KLM, Sigi
>

# 20952. Re: [ic706] Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 02:49:16 UTC
From: Facility 406 DM09
Topic: 20947  Message: 20952

: This has gotten me more than once, usually when going from FM to SSB
: operation. Damn multifunction knobs.....Joe

I used to always get nailed because squelch one way was RF gain the other.
I reprogrammed the knob, squelch off in SSB, full RX gain. Didn't seem to
make sense to go from a reasonable FM squelch to a dead RX when switching
modes.

Kurt

# 20953. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 04:05:35 UTC
From: Facility 406 DM09
Topic: 20950  Message: 20953

: Is there a file on how to mod a mark 2 for MARS? Maybe a video? Thanks.

It;s really just a picture with a diode circled. Check google, should be a few hundred pics there.

Kurt

# 20954. Combo Digi & CAT Interface Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 02:58:38 UTC
From: qrv@kd4e.com
Topic: 20954  Message: 20954

Has anyone tried this?

http://www.ebay.com/itm/PSK31-Interface-Full-CAT-for-Icom-IC-706-All-versions-/370543269051?

Sure sounds like a terrific deal, compared to other interfaces,
at $42.99 shipped.

I have a USB-Serial adapter cable (if I use a computer without
a serial port).

Am I missing something?

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20955. Re: [ic706] Combo Digi & CAT Interface Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 14:50:09 UTC
From: Terry
Topic: 20954  Message: 20955

I have this cable. It works well for remote operation of my 706M2G.
The only drawback is that the computer loads down the microphone
circuit, even when the computer is off. I unplug the mic for remote
operation and the computer audio cables (or the 13 pin cable at the
radio) when I operate the radio locally. My computer has a serial port,
so I haven't tried it with a USB adapter.

73
Terry
N7BDL

On 1/5/14, 7:58 PM, qrv@... wrote:
> Has anyone tried this?
>
> http://www.ebay.com/itm/PSK31-Interface-Full-CAT-for-Icom-IC-706-All-versions-/370543269
051?
>
> Sure sounds like a terrific deal, compared to other interfaces,
> at $42.99 shipped.
>
> I have a USB-Serial adapter cable (if I use a computer without
> a serial port).
>
> Am I missing something?
>
>

# 20956. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 16:19:14 UTC
From: LARRY J. FORD
Topic: 20950  Message: 20956

I have the "original" IC-706 and an IC-706MKII.

The so-called "MARS" mod (i.e., transmit 160-6 meters continuous coverage) is, indeed, the removal or disabling of diode D-59 for the IC-706.

However, as I recall, the "MARS" mod for the succeeding editions (e.g., MKII and MKIIG) required increasingly more complex steps.

I'm getting ready to the mod on my IC-706 (looked at it just last night), but fortunately I purchased the MKII with the mod already performed.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sun, 05 Jan 2014 11:18:20 PM EST
From: "Facility 406 DM09" <facility_406@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] MARS mod for IC706MKII

> : Is there a file on how to mod a mark 2 for MARS? Maybe a video? Thanks.
>
> It;s really just a picture with a diode circled. Check google, should be a

> few hundred pics there.
>
> Kurt
>
>

# 20957. Re: [ic706] Combo Digi & CAT Interface Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 16:26:30 UTC
From: LARRY J. FORD
Topic: 20954  Message: 20957

If it works, probably a good deal.

Note that the website specifies that USB/Serial adapters/converters must have
the FTDI chipset, which is very good advice.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sun, 05 Jan 2014 11:52:32 PM EST
From: "qrv@..." <qrv@...>
To: ic706@yahoogroups.com
Subject: [ic706] Combo Digi & CAT Interface Cable?

> Has anyone tried this?
>
>
http://www.ebay.com/itm/PSK31-Interface-Full-CAT-for-Icom-IC-706-All-versions-/370543269051?
>
> Sure sounds like a terrific deal, compared to other interfaces,
> at $42.99 shipped.
>
> I have a USB-Serial adapter cable (if I use a computer without
> a serial port).
>
> Am I missing something?
>
>
> --
>
> David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20959. Re: Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 11:59:04 UTC
From: rob223112
Topic: 20947  Message: 20959

Do you mean transmit or receive audio? If it's on transmit it could be the FM VCO needs a tweak.

--- In ic706@yahoogroups.com, "ko6r" <ko6r@...> wrote:
>
> Refined description of my audio problem on the 706MkIIG:
>
> When I power it up, I cannot get any audio out on VHF FM.
> After the rig has warmed up for about 15 minutes or so, it works fine.
> New data:
> There is no problem at all on VHF USB. Works fine right after power-up.
> If anyone has any thoughts about what I might do, before I send it off at what will probably be considerable cost for diagnosis and treatment, I'd appreciate your letting me know.
>
> Thanks in advance,
> Peter KO6R
>

# 20960. Re: [ic706] Combo Digi & CAT Interface Cable?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 16:42:56 UTC
From: qrv@kd4e.com
Topic: 20954  Message: 20960

The cable I have only has one marking, HL-340, I don't
know if it has the FTDI chipset.

> If it works, probably a good deal.
>
> Note that the website specifies that USB/Serial adapters/converters must
> have
> the FTDI chipset, which is very good advice.
>
> Larry J. Ford
> K4AEC
>
>
> > Has anyone tried this?
> >
> >
> http://www.ebay.com/itm/PSK31-Interface-Full-CAT-for-Icom-IC-706-All-versions-/370543269
051?
> >
> > Sure sounds like a terrific deal, compared to other interfaces,
> > at $42.99 shipped.
> >
> > I have a USB-Serial adapter cable (if I use a computer without
> > a serial port).
> >
> > Am I missing something?

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20961. RE: European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 20:20:10 UTC
From: <da_kaeptn@...>
Topic: 20940  Message: 20961

Hi Andy,
just uploading the 2 files, because i could not read your email adress.
The 2 files in the Filesection and named:
Icom IC 706 MK1 VHF expanded
Icom IC 706 MK1 VHF expanded german

Hope this helps.

73
Sigi

# 20962. Re: [ic706] RE: European 706 open up VHF???

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 20:39:26 UTC
From: <jack.mrfixit198@...>
Topic: 20940  Message: 20962

most of the mods that ya all are looking for are at “MODS.DK” and you can select what Language you want it in most of the time.

Jack E. Foster
N6UYB / WQLW220

From: da_kaeptn@...
Sent: Monday, January 06, 2014 3:20 PM
To: ic706@yahoogroups.com
Subject: [ic706] RE: European 706 open up VHF???

Hi Andy,

just uploading the 2 files, because i could not read your email adress.

The 2 files in the Filesection and named:

Icom IC 706 MK1 VHF expanded

Icom IC 706 MK1 VHF expanded german

Hope this helps.

73

Sigi

# 20963. Re: Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-06 19:08:15 UTC
From: ko6r
Topic: 20947  Message: 20963

--- In ic706@yahoogroups.com, Bob Ralph <bobralph@...> wrote:
>
> Squelch setting ?
>

Sorry, probably wasn't clear enough. The problem is with transmit, not receive. Some component or a board is heat-sensitive, and doesn't get functional until warmup reached, after about 17-20 minutes.
I'm sending it off to a repair guy up in WA today -- he comes recommended highly by local HRO folks, and we've spoken on the phone.

Thanks for the observations/ideas.

Peter KO6R

# 20964. Re: [ic706] Re: Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 01:31:03 UTC
From: Ralph Mowery
Topic: 20947  Message: 20964

That problem is often caused by an adjustment inside the  706.  Not sure what it is now, but a search for the porblem with google should find it.  Something like the FM VCO.  I adjusted one for a fellow ham several years ago.  It is also possiable it may not have been soldered correctly at the factory and is not making good connectio.

>_____
>From: ko6r <ko6r@...>
>To: ic706@yahoogroups.com
>Sent: Monday, January 6, 2014 2:08 PM
>Subject: [ic706] Re: Audio problem on fm only
>
>
>
>
>--- In ic706@yahoogroups.com, Bob Ralph <bobralph@...> wrote:
>>
>> Squelch setting ?
>>
>
>Sorry, probably wasn't clear enough.  The problem is with transmit, not receive.  Some component or a board is heat-sensitive, and doesn't get functional until warmup reached, after about 17-20 minutes.
>I'm sending it off to a repair guy up in WA today -- he comes recommended highly by local HRO folks, and we've spoken on the phone.
>
>Thanks for the observations/ideas.
>
>Peter KO6R
>
>
>
>

# 20965. Re: [ic706] Re: Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 01:43:47 UTC
From: qrv@kd4e.com
Topic: 20947  Message: 20965

Performing an Internet Search (not google) using duckduckgo.com
brought up this as the first result:

http://www.uksmg.com/content/ic706_fix.htm

Is that what he needs?

David KD4E

> ku4pt@...
> That problem is often caused by an adjustment inside the 706. Not sure
> what it is now, but a search for the porblem with google should find
> it. Something like the FM VCO. I adjusted one for a fellow ham several
> years ago. It is also possiable it may not have been soldered correctly
> at the factory and is not making good connectio.
>
>
> Sorry, probably wasn't clear enough. The problem is with transmit,
> not receive. Some component or a board is heat-sensitive, and
> doesn't get functional until warmup reached, after about 17-20 minutes.
> I'm sending it off to a repair guy up in WA today -- he comes
> recommended highly by local HRO folks, and we've spoken on the phone.
>
> Thanks for the observations/ideas.
>
> Peter KO6R

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20966. IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 02:15:35 UTC
From: Florence Selvestian
Topic: 20966  Message: 20966

Hi fellow friends,
My 706 doesn't switch on. When the power switch is pressed, immediately I can hear clicking sound (could be from the relay) and nothing come alive. Any suggestion/ remedy, please?
Thanks

'73
9W6AI
Florence Selvestian
Kota Kinabalu
0168316757
Sent from my iPad

# 20967. Re: [ic706] IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 02:46:34 UTC
From: LARRY J. FORD
Topic: 20966  Message: 20967

Check your power supply to ensure that it is supplying sufficient voltage to the rig.

I get the clicking sound on my 706 MKII when attempting to power-up from a source that does not provide sufficient voltage to meet the rig's requirements.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Mon, 06 Jan 2014 09:16:16 PM EST
From: Florence Selvestian <selvestianf@...>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: [ic706] IC 706 MK II G

> Hi fellow friends,
> My 706 doesn't switch on. When the power switch is pressed, immediately I can hear clicking sound (could be from the relay) and nothing come alive. Any suggestion/ remedy, please?
> Thanks
>
> '73
> 9W6AI
> Florence Selvestian
> Kota Kinabalu
> 0168316757
> Sent from my iPad

# 20968. Re: [ic706] IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 04:17:53 UTC
From: mikerodgerske5gbc@...
Topic: 20966  Message: 20968

And sometimes the contacts on the head unit get tarnished. Try some alcohol and qtips on those.

73
Mike R

Bluegrass white snow
- Patty Loveless

On Jan 6, 2014, at 8:46 PM, "LARRY J. FORD" <lford@...> wrote:

> Check your power supply to ensure that it is supplying sufficient voltage to
> the rig.
>
> I get the clicking sound on my 706 MKII when attempting to power-up from a
> source that does not provide sufficient voltage to meet the rig's
> requirements.
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Mon, 06 Jan 2014 09:16:16 PM EST
> From: Florence Selvestian <selvestianf@...>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Subject: [ic706] IC 706 MK II G
>
> > Hi fellow friends,
> > My 706 doesn't switch on. When the power switch is pressed, immediately I
> can hear clicking sound (could be from the relay) and nothing come alive. Any
> suggestion/ remedy, please?
> > Thanks
> >
> > '73
> > 9W6AI
> > Florence Selvestian
> > Kota Kinabalu
> > 0168316757
> > Sent from my iPad
>
>

# 20969. Re: [ic706] IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 04:32:21 UTC
From: Ralph Mowery
Topic: 20966  Message: 20969

Assuming the correct voltage , it is probably a capacitor that has gone bad and eaten up a trace on the printed circuit.  Sometimes takes out a resistor and diode.

If you do a Google search for this, you can probably find a web page about it and it will tell you how to fix it.  I have seen this problem and how to repair it on ther internet a few years back.

My 706 did this and I sent it to a repair shop.  I am not equiped to work on the very small devices.  It cost me just under $ 100 US including the shipping back to me.
Probably about 2 hours labor and almost nothing for the parts.

>_____
>From: Florence Selvestian <selvestianf@...>
>To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
>Sent: Monday, January 6, 2014 9:15 PM
>Subject: [ic706] IC 706 MK II G
>
>
>Hi fellow friends,
>My 706 doesn't switch on. When the power switch is pressed, immediately I can hear clicking sound (could be from the relay) and nothing come alive. Any suggestion/ remedy, please?
>Thanks
>
>'73
>9W6AI
>Florence Selvestian
>Kota Kinabalu
>0168316757
>Sent from my iPad
>
>

# 20970. Re: [ic706] Re: Audio problem on fm only

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 04:34:21 UTC
From: Ralph Mowery
Topic: 20947  Message: 20970

That is where I would check first.  Either a bad solder joint or the capacitor needs adjusting.
That problem seems to only effect the FM transmitt.

>_____
>From: "qrv@..." <qrv@...>
>To: ic706@yahoogroups.com
>Sent: Monday, January 6, 2014 8:43 PM
>Subject: Re: [ic706] Re: Audio problem on fm only
>
>
>Performing an Internet Search (not google) using duckduckgo.com
>brought up this as the first result:
>
>http://www.uksmg.com/content/ic706_fix.htm
>
>Is that what he needs?
>
>David KD4E
>
>>

# 20971. Re: [ic706] IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 02:17:21 UTC
From: Ricky L Graham
Topic: 20966  Message: 20971

Mine does the click and I have no audio. I have been debating on sending
it in. Can't wait to see the charge for that one.

On Mon, Jan 6, 2014 at 8:15 PM, Florence Selvestian
<selvestianf@...>wrote:

>
>
> Hi fellow friends,
> My 706 doesn't switch on. When the power switch is pressed, immediately I
> can hear clicking sound (could be from the relay) and nothing come alive.
> Any suggestion/ remedy, please?
> Thanks
>
> '73
> 9W6AI
> Florence Selvestian
> Kota Kinabalu
> 0168316757
> Sent from my iPad
>
>

--
Rick Graham

Evil prevails when good men do nothing.

# 20972. Re: [ic706] IC 706 MK II G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 13:58:23 UTC
From: Florence Selvestian
Topic: 20966  Message: 20972

Thanks Ralph. Will try that.

Florence Selvestian
Kota Kinabalu
0168316757
Sent from my iPad

> On Jan 7, 2014, at 12:32, Ralph Mowery <ku4pt@...m> wrote:
>
> Assuming the correct voltage , it is probably a capacitor that has gone bad and eaten up a trace on the printed circuit. Sometimes takes out a resistor and diode.
>
> If you do a Google search for this, you can probably find a web page about it and it will tell you how to fix it. I have seen this problem and how to repair it on ther internet a few years back.
>
> My 706 did this and I sent it to a repair shop. I am not equiped to work on the very small devices. It cost me just under $ 100 US including the shipping back to me.
> Probably about 2 hours labor and almost nothing for the parts.
>
>
>
> From: Florence Selvestian <selvestianf@yahoo.com>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Sent: Monday, January 6, 2014 9:15 PM
> Subject: [ic706] IC 706 MK II G
>
> Hi fellow friends,
> My 706 doesn't switch on. When the power switch is pressed, immediately I can hear clicking sound (could be from the relay) and nothing come alive. Any suggestion/ remedy, please?
> Thanks
>
> '73
> 9W6AI
> Florence Selvestian
> Kota Kinabalu
> 0168316757
> Sent from my iPad
>
>

# 20973. Which Heil HMM Mic recommended?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-07 17:49:09 UTC
From: qrv@kd4e.com
Topic: 20973  Message: 20973

If one were to choose one of these for a 706mk2g, which would it be,
and why, please?

"The unique design of the HMM eliminates the hollow, clam shell sound of
hand mics of the past. This has been achieved by designing an open grill
on top of the microphone case which detunes the internal hollow
resonance of the housing."

HMM is equipped with a full range dynamic microphone element

HMM-iC is equipped with our iC electret element.

They were just offered for pre-order here:
http://www.dxstore.com/heil_microphone.html#hmm

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 20974. Re: [ic706] Which Heil HMM Mic recommended?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 01:06:49 UTC
From: LARRY J. FORD
Topic: 20973  Message: 20974

I believe you'll need to use the mic with the electret mic element for the MKIIG.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 07 Jan 2014 08:02:14 PM EST
From: "qrv@..." <qrv@...>
To: ic706@yahoogroups.com
Subject: [ic706] Which Heil HMM Mic recommended?

> If one were to choose one of these for a 706mk2g, which would it be,
> and why, please?
>
> "The unique design of the HMM eliminates the hollow, clam shell sound of
> hand mics of the past. This has been achieved by designing an open grill
> on top of the microphone case which detunes the internal hollow
> resonance of the housing."
>
> HMM is equipped with a full range dynamic microphone element
>
> HMM-iC is equipped with our iC electret element.
>
> They were just offered for pre-order here:
> http://www.dxstore.com/heil_microphone.html#hmm
>
>
> --
>
> David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 20975. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 03:33:35 UTC
From: Facility 406 DM09
Topic: 20950  Message: 20975

"However, as I recall, the "MARS" mod for the succeeding editions (e.g., MKII and MKIIG) required increasingly more complex steps."

Removal of one diode.

Kurt

# 20976. Re: [ic706] Which Heil HMM Mic recommended?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 01:50:17 UTC
From: Bob Knollman
Topic: 20973  Message: 20976

Hi group!

I have tried to locate my source for this information, but can't put my finger on it right now. I remember reading that Heil designed the stock handmike for the 706 series. Supposedly it is designed especially to get the best sound possible out of a handmike and this radio.

KD8QZE/Bob
On Jan 7, 2014 8:07 PM, "LARRY J. FORD" <lford@...> wrote:

> 
> 
> I believe you'll need to use the mic with the electret mic element for the
> MKIIG.
> 
> Larry J. Ford
> K4AEC
> 
> 
> ------ Original Message ------
> Received: Tue, 07 Jan 2014 08:02:14 PM EST
> From: "qrv@..." <qrv@...>
> To: ic706@yahoogroups.com
> Subject: [ic706] Which Heil HMM Mic recommended?
> 
> > If one were to choose one of these for a 706mk2g, which would it be,
> > and why, please?
> > 
> > "The unique design of the HMM eliminates the hollow, clam shell sound of
> > hand mics of the past. This has been achieved by designing an open grill
> > on top of the microphone case which detunes the internal hollow
> > resonance of the housing."
> > 
> > HMM is equipped with a full range dynamic microphone element
> > 
> > HMM-iC is equipped with our iC electret element.
> > 
> > They were just offered for pre-order here:
> > http://www.dxstore.com/heil_microphone.html#hmm
> > 
> > 
> > --
> > 
> > David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA
> > 
> > Safe & Secure Search Engine: duckduckgo.com

> >
> > Android for Hams: groups.yahoo.com/group/hamdroid
> > Creative Tech: groups.yahoo.com/group/ham-macguyver
> > Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
> >
> > Restored to design-spec at Heaven's gate 1Cor15:22
> >
>
>
>

# 20977. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 16:43:05 UTC
From: LARRY J. FORD
Topic: 20950  Message: 20977

Apparently, you are correct, all the 706s are removal of one diode.

706 - D59

706MKII - see
http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=244.htm#244

706MKIIG - D2030 (see http://www.marsregionone.org/Tech/IC-706MKIIG_OBM.pdf )

I was probably thinking of my IC-7200, which is more involved than the 706s, and I elected to send it to ICOM Service Center Michigan to let Matt Adrian do the MARS mod.

However, note the following from (http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1663.htm#1663 ):

"Author: Emory - KD3DQ

Ref Xmit Mods for 706s shown above

The xmit expand mod for the IC-706, MKII, MKIIG require removing very small diodes, these diodes are about the size of a flea, and require the use of very small tools.

I have done mods before but these are difficult.
After lots of thought I did my mod with an x-acto knife. I needed a magnifing glass and a new blade for the x-acto knife. I cut just the solder on one side of the tiny diode, making sure that is all I cut, then pushed up on the diode, the other side breaks loose from the board. I cut both diodes this way and it was easy and worked fine.
I could not find a soldering iron small enough to fit into tiny space available. Good luck.... Emory KD3DQ"

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 07 Jan 2014 11:00:52 PM EST
From: "Facility 406 DM09" <facility_406@earthlink.net>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] MARS mod for IC706MKII

> "However, as I recall, the "MARS" mod for the succeeding editions (e.g.,
> MKII and MKIIG) required increasingly more complex steps."
>
> Removal of one diode.
>

> Kurt
>
>

# 20978. RE: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 18:33:49 UTC
From: Peter
Topic: 20950  Message: 20978

I did the mod by simply crushing the diode with a pair of long nose pliers
just make sure you crush the right diode

Regards

Peter G4SST

This e-mail is strictly confidential and intended solely for the
addressee(s).
It may contain personal and confidential information and as such may be
protected by the Data Protection Acts 1984 and 1998.

If you are not the intended recipient of this email you must not disclose,
copy or distribute its contents to any other person nor use its contents in
any way or you may be acting unlawfully you must delete the email from your
system.

Unless explicitly and conspicuously designated as contract, this e-mail does
not constitute a contract offer, a contract amendment, or an acceptance of a
contract offer.

This e-mail does not constitute a consent to the use of sender's contact
information for direct marketing purposes or for transfers of data to third
parties.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of
LARRY J. FORD
Sent: 08 January 2014 4:43 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] MARS mod for IC706MKII

Apparently, you are correct, all the 706s are removal of one diode.

706 - D59

706MKII - see
http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=244.htm#24
4> &model=ic-706&selectid=244.htm#244

706MKIIG - D2030 (see http://www.marsregionone.org/Tech/IC-706MKIIG_OBM.pdf
)

I was probably thinking of my IC-7200, which is more involved than the 706s,
and I elected to send it to ICOM Service Center Michigan to let Matt Adrian
do
the MARS mod.

However, note the following from
(http://vss.pl/mods.dk/mods.php3-radio=icom
<http://vss.pl/mods.dk/mods.php3-radio=icom&model=ic-706&selectid=1663.htm#1
663> &model=ic-706&selectid=1663.htm#1663
):

"Author: Emory - KD3DQ

Ref Xmit Mods for 706s shown above

The xmit expand mod for the IC-706, MKII, MKIIG require removing very small
diodes, these diodes are about the size of a flea, and require the use of
very
small tools.

I have done mods before but these are difficult.
After lots of thought I did my mod with an x-acto knife. I needed a
magnifing
glass and a new blade for the x-acto knife. I cut just the solder on one
side
of the tiny diode, making sure that is all I cut, then pushed up on the
diode,
the other side breaks loose from the board. I cut both diodes this way and
it
was easy and worked fine.
I could not find a soldering iron small enough to fit into tiny space
available. Good luck.... Emory KD3DQ"

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 07 Jan 2014 11:00:52 PM EST
From: "Facility 406 DM09" <facility_406@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] MARS mod for IC706MKII

> "However, as I recall, the "MARS" mod for the succeeding editions (e.g.,
> MKII and MKIIG) required increasingly more complex steps."
>
> Removal of one diode.
>
> Kurt
>
>

# 20979. volume problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-08 11:13:53 UTC
From: gjtkd617
Topic: 20979  Message: 20979

Hi all
Just wondering if anyone has come up against this problem before
706 original was all working fine turned it on yesterday and volume came on full there is no response from af or rf/sql at all the radio has had little use since I have owned it and the af/rf/sql knob has been replaced around 6 months ago as the old one had snapped off outside
so I don't think the problem is there
Many thanks
Glyn

# 20980. MkIIg has died ... :'(

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 05:05:50 UTC
From: <mileslittlefield@...>
Topic: 20980  Message: 20980

My MkIIg has worked wonderfully for me for the past six years or so since I bought it off eBay. Now something is very wrong with the audio - it is just plain noisy and scratchy. I think the problem may be the aftermarket DSP that the previous owner installed. I have decided not to even attempt to repair it and bought an IC7000.off eBay.

Is anyone interested in buying it as a project? I have a separation kit and mounting kit that will come with it. I know that eBay has auctions for "parts only" MkIIg in the $300 and I think mine is comparable. Plus the mounting kits.

Any interest or offer will be considered, please contact via email.

All the best, 73s

# 20981. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 05:31:10 UTC
From: Facility 406 DM09
Topic: 20950  Message: 20981

:I did the mod by simply crushing the diode with a pair of long nose pliers
: just make sure you crush the right diode

I've done that in the past, but find too much of a risk of the pulverized part/solder flying into other parts, getting stuck between pins on chips, et cetera. More than once I've had to use a needle to pick metallic pieces from between the pins of a chip. I have had good luck cutting the trace to the diode with a small exacto knife.

Kurt

# 20982. Re: [ic706] MkIIg has died ... :'(

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 12:34:40 UTC
From: <bruce.clements@...>
Topic: 20980  Message: 20982

Where are you located??

Bruce
Ve3bv

Sent from my iPhone

> On Jan 9, 2014, at 12:05 AM, mileslittlefield@yahoo.com wrote:
>
> My MkIIg has worked wonderfully for me for the past six years or so since I bought it off eBay. Now something is very wrong with the audio - it is just plain noisy and scratchy. I think the problem may be the aftermarket DSP that the previous owner installed. I have decided not to even attempt to repair it and bought an IC7000.off eBay.
>
>
> Is anyone interested in buying it as a project? I have a separation kit and mounting kit that will come with it. I know that eBay has auctions for "parts only" MkIIg in the $300 and I think mine is comparable. Plus the mounting kits.
>
> Any interest or offer will be considered, please contact via email.
>
> All the best, 73s
>

# 20983. Re: [ic706] volume problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 12:44:19 UTC
From: Joe
Topic: 20979  Message: 20983

My first inclination would be to suspect the replaced control knob. I would look for a cold solder joint, or possible damage to a trace on the board near the control that may have been damaged when the original control snapped off.

After years of troubleshooting I have learned to start at the last thing that was touched. Many times this finds the problem.

73, Joe, K1ike

On 1/8/2014 6:13 AM, gjtkd617 wrote:
> .... the af/rf/sql knob has been replaced around 6 months ago as the old one had snapped off outside
> so I don't think the problem is there
>

# 20984. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 15:09:39 UTC
From: Mike Gormley
Topic: 20950  Message: 20984

On 1/9/2014 12:31 AM, Facility 406 DM09 wrote:
>
> :I did the mod by simply crushing the diode with a pair of long nose
> pliers
> : just make sure you crush the right diode
>
> I've done that in the past, but find too much of a risk of the pulverized
> part/solder flying into other parts, getting stuck between pins on
> chips, et
> cetera. More than once I've had to use a needle to pick metallic pieces
> from between the pins of a chip. I have had good luck cutting the
> trace to
> the diode with a small exacto knife.
>
> Kurt
>
>
What if you put a vacuum nozzle down next to the diode before it is
crushed. Wouldn't that catch flying fragments?

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

# 20985. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 15:33:45 UTC
From: Dennis Griffin
Topic: 20950  Message: 20985

... flying fragments and considerably increase the likelihood of ESD damage? Using lightly magnetized needle nose pliers gently should prevent flying fragments and contain any ferrous particles. Then pressing a finger down on the serviced area, after discharging & bonding oneself, would remove any remaining non-ferrous crumbs, as would quickly flipping the unit over and dropping it onto the work surface from an inch or two up. However, cutting a trace would probably be the safer bet, and it could be bridged if it became desirable to return the unit to original condition.

73 de Dennis KD7CAC
Scottsdale, AZ

On Jan 9, 2014, at 8:09 AM, Mike Gormley <WA8VEC@...> wrote:

>
> On 1/9/2014 12:31 AM, Facility 406 DM09 wrote:
>>
>> :I did the mod by simply crushing the diode with a pair of long nose pliers
>> : just make sure you crush the right diode
>>
>> I've done that in the past, but find too much of a risk of the pulverized
>> part/solder flying into other parts, getting stuck between pins on chips, et
>> cetera. More than once I've had to use a needle to pick metallic pieces
>> from between the pins of a chip. I have had good luck cutting the trace to
>> the diode with a small exacto knife.
>>
>> Kurt
>>
>>
> What if you put a vacuum nozzle down next to the diode before it is crushed. Wouldn't that catch flying fragments?
> Mike Gormley

# 20986. Re: [ic706] volume problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-09 12:38:12 UTC
From: BOB RALPH
Topic: 20979  Message: 20986

Hi Glyn

That's a 'co-incidence' - I would suspect bad workmanship or bad new components? Snapped off ?? sounds like a major impact to do that and that may have caused adjacent weaknesses and the repairer was not likely to see it/them until it/they failed completely - like now. Suggest you send it back for investigation - 12 months warranty isn't unreasonable.

73 Bob G4KSG

---

From: gjtkd617 <gj617@...>
To: ic706@yahoogroups.com
Sent: Wednesday, 8 January 2014, 11:13
Subject: [ic706] volume problem

Hi all
Just wondering if anyone has come up against this problem before
706 original was all working fine turned it on yesterday and volume came on full there is no response from af or rf/sql at all the radio has had little use since I have owned it and the af/rf/sql knob has been replaced around 6 months ago as the old one had snapped off outside
so I don't think the problem is there
Many thanks
Glyn

# 20987. Re: [ic706] MkIIg has died ... :'(

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-10 03:21:57 UTC
From: Facility 406 DM09
Topic: 20980  Message: 20987

"I think the problem may be the aftermarket DSP that the previous owner installed. I have decided not to even attempt to repair it and bought an IC7000.off eBay."

Since it's not a required board, did you just remove it and see if the problem clears up?

Kurt

# 20988. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-10 03:24:00 UTC
From: Facility 406 DM09
Topic: 20950  Message: 20988

: What if you put a vacuum nozzle down next to the diode before it is
: crushed. Wouldn't that catch flying fragments?

Try vacuuming a bullet out of the air.

Kurt

# 20989. Re: [ic706] MARS mod for IC706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-10 13:49:19 UTC
From: Joe
Topic: 20950  Message: 20989

I have done mods on several radios that require the removal of a surface mounted resistor. My technique is to use a soldering iron that has a wide tip instead of a point. The tip on one of my irons is just wide enough to span the two connections on the resistor and the resistor ends up sticking to the end of the soldering iron. Quick and simple.

73, Joe, K1ike

On 1/9/2014 10:24 PM, Facility 406 DM09 wrote:
> : What if you put a vacuum nozzle down next to the diode before it is
> : crushed. Wouldn't that catch flying fragments?
>
> Try vacuuming a bullet out of the air.
>
> Kurt
>

# 20990. RE: MkIIg has died ... :'(

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-10 23:48:32 UTC
From: <mileslittlefield@...>
Topic: 20980  Message: 20990

@Kurt: Thanks for the idea, I had thought about attempting to diagnose it myself. The reality is that I have never cracked the case and don't really want to do so now. I just bought a 7000 instead - lazy, I guess.

@Don: Sorry for not responding in a timely manner, I will contact you this evening - you were the first to express interest and thus get first dibs.

@Dave: You were the second to express interest.You asked about cosmetics - the unit has been used mobile, backpack and base station and has the normal surface conditions (rubbing and scruffing and light scratching - no cracks or big scratches) that one would expect from a well-used, but cared for unit.

@Bruce: You were third to contact me. I am in New Mexico.

Thanks!

Miles, KC7PHK

# 20991. Re: [ic706] MkIIg has died ... :'(

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-11 05:46:47 UTC
From: Hong Michael
Topic: 20980  Message: 20991

Do you want to sell your control unit (faceplate) and accessories?

Mine was stolen.

On Thursday, January 9, 2014 4:34 AM, "bruce.clements@sympatico.ca" <bruce.clements@...> wrote:

Where are you located??

Bruce
Ve3bv

Sent from my iPhone

On Jan 9, 2014, at 12:05 AM, mileslittlefield@... wrote:

>My MkIIg has worked wonderfully for me for the past six years or so since I bought it off eBay.  Now something is very wrong with the audio - it is just plain noisy and scratchy.  I think the problem may be the aftermarket DSP that the previous owner installed.  I have decided not to even attempt to repair it and bought an IC7000.off eBay.
>
>
>Is anyone interested in buying it as a project?  I have a separation kit and mounting kit that will come with it.  I know that eBay has auctions for "parts only" MkIIg in the $300 and I think mine is comparable.  Plus the mounting kits.
>
>
>Any interest or offer will be considered, please contact via email.
>
>
>All the best, 73s

# 20992. AH4 for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-13 12:39:22 UTC
From: W5SUM - Ronnie
Topic: 20992  Message: 20992

I have a fully functional AH-4 for sale, $100 shipped to your door, ups ground only.

United States sales only

paypal only payment method accepted

first come first served

Ronnie W5SUM

# 20993. AH4 is sold!

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-13 15:56:35 UTC
From: Ronnie Hull
Topic: 20993  Message: 20993

Gone!

Sent from Ronnie's IPhone

# 20994. RE: Icom 706MKIIG for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-16 04:34:05 UTC
From: <wa4umh@...>
Topic: 20859  Message: 20994

Hi John,

Did you sale the IC706MKIIG? If not I'm looking for one.
73 Don WA4UMH

# 20995. Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 12:44:56 UTC
From: W5SUM - Ronnie
Topic: 20995  Message: 20995

I have noticed latley while I was monitoring a local 2m repeater that the squelch will slowly start to crack open. I can readjust it to silence the rig, then after about 5 minutes it will do it again.. and again.. and again

has anyone ever noticed this before?
Ronnie W5SUM

# 20996. Re: [ic706] Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 15:45:51 UTC
From: LARRY J. FORD
Topic: 20995  Message: 20996

Sounds like a component in the squelch circuit or the control is changing values/going bad. How old is the 706?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 23 Jan 2014 07:45:14 AM EST
From: "W5SUM - Ronnie" <w5sum@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] Creeping Squealch

> I have noticed latley while I was monitoring a local 2m repeater that the squelch will slowly start to crack open. I can readjust it to silence the rig, then after about 5 minutes it will do it again.. and again.. and again
>
> has anyone ever noticed this before?
> Ronnie W5SUM

# 20997. Re: [ic706] Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 15:48:56 UTC
From: Mark Brueggemann
Topic: 20995  Message: 20997

From: W5SUM - Ronnie <w5sum@...>

> after about 5 minutes it will do it again..

Does it act the same way without an antenna connected?  That would isolate if it's a radio fault, or errant noise on the band.

Mark K5LXP
Albuquerque, NM

# 20998. Re: [ic706] Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 16:37:34 UTC
From: Ronnie Hull
Topic: 20995  Message: 20998

Good point Mark! I will check tonight!

Sent from Ronnie's IPhone

> On Jan 23, 2014, at 9:48 AM, Mark Brueggemann <qrq_cw@...> wrote:
>
>
>
> From: W5SUM - Ronnie <w5sum@...>
>
> > after about 5 minutes it will do it again..
>
> Does it act the same way without an antenna connected? That would isolate if it's a radio fault, or errant noise on the band.
>
> Mark K5LXP
> Albuquerque, NM
>

# 20999. Re: [ic706] Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 18:38:06 UTC
From: Wayne Bowyer
Topic: 20995  Message: 20999

Is it simply the squelch opening up or is the noise floor rising? I had a somewhat similar issue couple years back with my 706G. On mine the noise floor would rise slowly and totally wipe out the repeater. N1EQ repaired mine and told me it had to do with faulty trimmer caps in the VCO circuit.

Wayne
n4eyz

On Thu, Jan 23, 2014 at 10:45 AM, LARRY J. FORD <lford@...> wrote:

>
>
>
> Sounds like a component in the squelch circuit or the control is changing
> values/going bad. How old is the 706?
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Thu, 23 Jan 2014 07:45:14 AM EST
> From: "W5SUM - Ronnie" <w5sum@...>
> To: <ic706@yahoogroups.com>
> Subject: [ic706] Creeping Squealch
>
> > I have noticed latley while I was monitoring a local 2m repeater that the
> squelch will slowly start to crack open. I can readjust it to silence the
> rig,
> then after about 5 minutes it will do it again.. and again.. and again
> >
> > has anyone ever noticed this before?
> > Ronnie W5SUM
>
>
>

# 21000. Re: [ic706] Creeping Squealch

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 21:27:11 UTC
From: AG0N-3055
Topic: 20995  Message: 21000

On Thu, 23 Jan 2014 10:37:34 -0600, Ronnie Hull wrote:

> Good point Mark! I will check tonight!

Let it cool off for a few hours, then put a dummy load on it and turn it on. Monitor it for several hours and see if it happens again. If it does, it is a temperature problem in the squelch circuit. I don't know if the 706/7000 series has an issue like this or not, but some radios do.

If it does not do it after several hours, put the radio back on the antenna and check your noise level coming into it. It may be varying at times. Some receivers work properly and don't open squelch when noise raises (assuming FM here), and some don't do so well and open up even though it is just noise. I've never used the radio on FM, so I don't know specifically if this series has a good squelch circuit or not. If it is noise, and the receiver responds to it, tighten the squelch and consider that your normal setting.

Gary
--
http://ag0n.net
3055: http://ag0n.net/irlp/3055
NodeOp Help Page: http://ag0n.net/irlp

# 21001. ic-706MkIIG won't receive nor transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-23 05:40:59 UTC
From: <okz00k@...>
Topic: 21001  Message: 21001

Preamble
~~~~~~
I recently unpacked my IC-706Mk2G which had been in storage for the past 8 years, and installed it in my car for portable use. Initially all worked fine. I installed a new Nagoya S-80 dualband VHF/UHF antenna and has a brief QSO via a local 2m repeater. Then installed an HF whip antenna (tuned to 7.135MHz) and had a listen around 40m, checked the VSWR at the radio feed point with a COMET CA500 (1:1.2 at 7.135 and better than 1:20 from 7.090 to 7.195). Then listened around the 580kz-1.6MHz AM checking out the broadcast services - all good.

After an hour or so of listening around and a brief QSO on 2m, I noticed the chassis a bit warmer than expected and turned the rig off.

After turning it on again a little later on I had a problem.

Problem Symptoms:
~~~~~~~~~~~~~~
1. Radio will not transmit on any band.
2. No reception heard, as if no antenna was connected, or the RF pream was missing.
3. All control panel controls function as expected.

I get audio noise out with AF gain and in FM and AM modes noise ceases with slightest Sqlech on.

I put my old IC-706 (Mk1) back in the car and it works fine on 2m and 40m with the same antennas and connections, however the IC-706MkIIG is now dead.

Any suggestions?

# 21002. Lots of Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-24 04:06:00 UTC
From: John Geiger
Topic: 21002  Message: 21002

I have quite a few accessories for your Icom 706 series radio for sale. All prices include shipping in the US, and I can take paypal/check/MO/cash.

Here is what I have available:

1. FL223 1.9khz SSB filter ($130 new) $80
2. FL100 500hz CW filter ($120 new) $75
3. FL232 350hz CW filter ($120 new) $75
4. UT-102 voice synthesizer ($85 new) $55
5. UT-106 DSP Unit ($150 new) $75
6. OPC-589 8 pin round to RJ45 adaptor, allows you to use desk mic with 706/7000 and FM radios ($40 new) $25
7. OPC OPC-599 13 pin ACC plug to 7 pin + 8 pin jack adaptor, good for using with amps and things like that ($75 new) $50
8. OPC-581 front panel separation cable ($60 new) $40
9. Heil mic adaptor to 8 pin round for Icom ($40 new) $25
10. Photocopy of Icom 706MKIIG service manual $6
11. Homebrew keying interface designed by W4ETN. Plugs into 13 pin ACC jack and allows you to key any amplier, including the old vintage ones. Asking $20

Let me know if you are interested in any of these and we can work out the details.

73 John AF5CC

# 21003. Re: [ic706] Lots of Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-24 06:18:55 UTC
From: Ian Kennedy
Topic: 21002  Message: 21003

John:

Am interested in the OPC-589

Regards

Ian, VE3MUD
Mallorytown, ON, Canada

# 21004. Re: [ic706] ic-706MkIIG won't receive nor transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-24 08:37:33 UTC
From: BOB RALPH
Topic: 21001  Message: 21004

Sad to hear that - sounds like the c/o relay to me - if your not skilled then you'll have to send it back to ICOM to fix. You could spend days weeks months looking the cause and then fixing it when they could do it in the day.

Bob G4KSG

---

From: "okz00k@..." <okz00k@...>
To: ic706@yahoogroups.com
Sent: Thursday, 23 January 2014, 5:40
Subject: [ic706] ic-706MkIIG won't receive nor transmit

Preamble
~~~~~~
I recently unpacked my IC-706Mk2G which had been in storage for the past 8 years, and installed it in my car for portable use. Initially all worked fine. I installed a new Nagoya S-80 dualband VHF/UHF antenna and has a brief QSO via a local 2m repeater. Then installed an HF whip antenna (tuned to 7.135MHz) and had a listen around 40m, checked the VSWR at the radio feed point with a COMET CA500 (1:1.2 at 7.135 and better than 1:20 from 7.090 to 7.195). Then listened around the 580kz-1.6MHz AM checking out the broadcast services - all good.

After an hour or so of listening around and a brief QSO on 2m, I noticed the chassis a bit warmer than expected and turned the rig off.

After turning it on again a little later on I had a problem.

Problem Symptoms:
~~~~~~~~~~~~~
1. Radio will not transmit on any band.
2. No reception heard, as if no antenna was connected, or the RF pream was missing.
3. All control panel controls function as expected.

I get audio noise out with AF gain and in FM and AM modes noise ceases with slightest Sqlech on.

I put my old IC-706 (Mk1) back in the car and it works fine on 2m and 40m with the same antennas and connections, however the IC-706MkIIG is now dead.

Any suggestions?

# 21005. Re: [ic706] Lots of Icom 706 accessories for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-24 16:30:39 UTC
From: John Geiger
Topic: 21002  Message: 21005

Hi Ian,

It has been sold, sorry.

73 John AF5CC

----- Original Message -----
From: Ian Kennedy
To: ic706@yahoogroups.com
Sent: Friday, January 24, 2014 6:18 AM
Subject: Re: [ic706] Lots of Icom 706 accessories for sale

John:

Am interested in the OPC-589

Regards

Ian, VE3MUD
Mallorytown, ON, Canada

---

From: John Geiger <af5cc@...>;
To: <ic706@yahoogroups.com>; <IC-706MKIIG@yahoogroups.com>;
Subject: [ic706] Lots of Icom 706 accessories for sale
Sent: Fri, Jan 24, 2014 4:06:00 AM

I have quite a few accessories for your Icom 706 series radio for sale. All prices include shipping in the US, and I can take paypal/check/MO/cash.

Here is what I have available:

1. FL223 1.9khz SSB filter ($130 new) $80
2. FL100 500hz CW filter ($120 new) $75
3. FL232 350hz CW filter ($120 new) $75
4. UT-102 voice synthesizer ($85 new) $55
5. UT-106 DSP Unit ($150 new) $75
6. OPC-589 8 pin round to RJ45 adaptor, allows you to use desk mic with 706/7000 and FM radios ($40 new) $25
7. OPC OPC-599 13 pin ACC plug to 7 pin + 8 pin jack adaptor, good for using with amps and things like that ($75 new) $50
8. OPC-581 front panel separation cable ($60 new) $40
9. Heil mic adaptor to 8 pin round for Icom ($40 new) $25
10. Photocopy of Icom 706MKIIG service manual $6
11. Homebrew keying interface designed by W4ETN. Plugs into 13 pin ACC jack and allows you to key any amplier, including the old vintage ones. Asking $20

Let me know if you are interested in any of these and we can work out the details.

73 John AF5CC

# 21006. FS: Icom 706MKII manual and documentation

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-25 03:23:42 UTC
From: John Geiger
Topic: 21006  Message: 21006

I have for sale the original (not a photocopy) operating manual for the Icom 706MKII in used but good overall condition. It has a slight tear on the cover, but is perfectly usable and looks pretty good overall. It will come with the 1 page (printed on both sides) Icom 706MKII operating guide, which is on thin cardboard and shows how to navigate thru all of the menu items. In addition I have a photocopy of this operating guide-keep one in the house and one in the car.

In addition, I have printed from the internet (mods.dk) a list of all of the mods for the Icom 706MKII.

Finally, I am including the Icom full color 1 page (front and back)sales bouchere for the Icom 706MKII. It shows a nice picture of the rig and lists the specs and options for the rig on the back.

I am asking $15 shipped for all of this in the US, and can take paypal/check/MO.

73 John AF5CC

# 21007. Re: [ic706] ic-706MkIIG won't receive nor transmit

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-26 20:22:50 UTC
From: <skyjeepaviation@...>
Topic: 21001  Message: 21007

Might be a PLL failure. There are some basic checks

http://www.n1eq.com/tech/page_03.html

# 21008. FS: Icom 706MKII operating manual and other documentation

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-31 03:48:07 UTC
From: <af5cc@...>
Topic: 21008  Message: 21008

I have for sale the original (not a photocopy) operating manual for the Icom 706MKII in used but good overall condition. It has a slight tear on the cover, but is perfectly usable and looks pretty good overall. It will come with the 1 page (printed on both sides) Icom 706MKII operating guide, which is on thin cardboard and shows how to navigate thru all of the menu items. In addition I have a photocopy of this operating guide-keep one in the house and one in the car.

In addition, I have printed from the internet (mods.dk) a list of all of the mods for the Icom 706MKII.

Finally, I am including the Icom full color 4 page sales bouchere for the Icom 706MKII. It shows a nice picture of the rig, describes all of its features, and lists the specs and options for the rig on the back page.

I am asking $12 shipped for all of this in the US, and can take paypal/check/MO.

73 John AF5CC

# 21009. RE: [ic706] FS: Icom 706MKII operating manual and other documentation

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-31 04:40:54 UTC
From: Tony
Topic: 21008  Message: 21009

I'll take the manual.

Tony

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of af5cc@...
Sent: Thursday, January 30, 2014 9:48 PM
To: ic706@yahoogroups.com
Subject: [ic706] FS: Icom 706MKII operating manual and other documentation

I have for sale the original (not a photocopy) operating manual for the Icom 706MKII in used but good overall condition. It has a slight tear on the cover, but is perfectly usable and looks pretty good overall. It will come with the 1 page (printed on both sides) Icom 706MKII operating guide, which is on thin cardboard and shows how to navigate thru all of the menu items. In addition I have a photocopy of this operating guide-keep one in the house and one in the car.

In addition, I have printed from the internet (mods.dk) a list of all of the mods for the Icom 706MKII.

Finally, I am including the Icom full color 4 page sales bouchere for the Icom 706MKII. It shows a nice picture of the rig, describes all of its features, and lists the specs and options for the rig on the back page.

I am asking $12 shipped for all of this in the US, and can take paypal/check/MO.

73 John AF5CC

[Non-text portions of this message have been removed]

# 21010. Re: [ic706] FS: Icom 706MKII operating manual and other documentation

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-31 05:04:59 UTC
From: Ronnie Hull
Topic: 21008  Message: 21010

I'll take if still available

Sent from Ronnie's IPhone

> On Jan 30, 2014, at 9:48 PM, <af5cc@...> wrote:
>
> I have for sale the original (not a photocopy) operating manual for the Icom 706MKII in used but good overall condition. It has a slight tear on the cover, but is perfectly usable and looks pretty good overall. It will come with the 1 page (printed on both sides) Icom 706MKII operating guide, which is on thin cardboard and shows how to navigate thru all of the menu items. In addition I have a photocopy of this operating guide-keep one in the house and one in the car.
>
> In addition, I have printed from the internet (mods.dk) a list of all of the mods for the Icom 706MKII.
>
> Finally, I am including the Icom full color 4 page sales bouchere for the Icom 706MKII. It shows a nice picture of the rig, describes all of its features, and lists the specs and options for the rig on the back page.
>
>
> I am asking $12 shipped for all of this in the US, and can take paypal/check/MO.
>
>
>
> 73 John AF5CC
>
>

# 21011. Re: [ic706] FS: Icom 706MKII operating manual and other documentation

Yahoo group: ic706 (2010 — 2015)
Date: 2014-01-31 06:47:31 UTC
From: John Geiger
Topic: 21008  Message: 21011

Sorry, it has been sold.

73 John AF5CC

---- Original Message -----
From: Ronnie Hull
To: ic706@yahoogroups.com
Sent: Friday, January 31, 2014 5:04 AM
Subject: Re: [ic706] FS: Icom 706MKII operating manual and other documentation

I'll take if still available

Sent from Ronnie's IPhone

On Jan 30, 2014, at 9:48 PM, <af5cc@...> wrote:

I have for sale the original (not a photocopy) operating manual for the Icom 706MKII in used but good overall condition. It has a slight tear on the cover, but is perfectly usable and looks pretty good overall. It will come with the 1 page (printed on both sides) Icom 706MKII operating guide, which is on thin cardboard and shows how to navigate thru all of the menu items. In addition I have a photocopy of this operating guide-keep one in the house and one in the car.

In addition, I have printed from the internet (mods.dk) a list of all of the mods for the Icom 706MKII.

Finally, I am including the Icom full color 4 page sales bouchere for the Icom 706MKII. It shows a nice picture of the rig, describes all of its features, and lists the specs and options for the rig on the back page.

I am asking $12 shipped for all of this in the US, and can take paypal/check/MO.

73 John AF5CC

# 21012. icom 706 Mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-05 14:07:19 UTC
From: Norm
Topic: 21012  Message: 21012

The eeprom in this unit does not seem to retain information re settings. Has anyone had this problem ?
VE3VY

# 21013. Re: [ic706] icom 706 Mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-05 18:22:46 UTC
From: <bruce.clements@...>
Topic: 21012  Message: 21013

Yup. I have a unit that the unit goes into CPU reset on every power up. Also the band up and down won't work
Bruce
Ve3bv

Sent from my iPhone

> On Feb 5, 2014, at 1:19 PM, "Norm" <normh@rideau.net> wrote:
>
> The eeprom in this unit does not seem to retain information re settings. Has anyone had this problem ?
> VE3VY
>
>

# 21014. Re: [ic706] icom 706 Mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-05 18:59:45 UTC
From: qrv@kd4e.com
Topic: 21012  Message: 21014

Is there a little memory battery as in some other rigs?

> The eeprom in this unit does not seem to retain information re settings.
> Has anyone had this problem ?
> VE3VY

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 21015. Re: [ic706] icom 706 Mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-06 01:59:35 UTC
From: <bruce.clements@...>
Topic: 21012  Message: 21015

No battery in unit

Sent from my iPhone

> On Feb 5, 2014, at 8:58 PM, "qrv@kd4e.com" <qrv@kd4e.com> wrote:
>
> Is there a little memory battery as in some other rigs?
>
> > The eeprom in this unit does not seem to retain information re settings.
> > Has anyone had this problem ?
> > VE3VY
>
> --
>
> David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA
>
> Safe & Secure Search Engine: duckduckgo.com
>
> Android for Hams: groups.yahoo.com/group/hamdroid
> Creative Tech: groups.yahoo.com/group/ham-macguyver
> Raspi Alternative: groups.yahoo.com/group/beagleboneblack/
>
> Restored to design-spec at Heaven's gate 1Cor15:22
>

# 21016. Low/no output issue

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-06 21:57:55 UTC
From: w2dhb@...
Topic: 21016  Message: 21016

I took my original 706 mobile rig while visiting and set up an 40/80 trap dipole to operate portable. It worked fine on both bands for several days, then started having issues with low Power Out reading on 40 (7.150) and 75 (3.990). I checked the dipole and my antenna analyzer indicates 50 ohms on 7.150 and 85 ohms on 3.990 at the ant with a 9' cable or at the rig with 109' of cable. I have an LDG IT-100 tuner to use it on multi-bands and when used it brings the SWR to 1.5 or less on the 706. Sometimes after some testing it will work normally (modulation peaks PO metering) on 40/80, otherwise PO reads about third of max on 40 and barely moves on 80. It works all the time on 15 or 20 meters (max PO scale under modulation).

This intermittent issue has got me baffled, anyone had this issue with the original 706?

Pat, W2DHB/4

# 21017. RE: Low/no output issue

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-07 20:02:49 UTC
From: <skyjeepaviation@...>
Topic: 21016  Message: 21017

Make sure its OK on a 50 ohm load first. I have not had any useful results with the LDG 100.

All the 706 series can have a problem with the inbuilt SWR bridge. The trim capacitor is small and can fail resulting in wrong FWD and REV power sample readings for the metering. When the radio thinks there is a mismatch, the shutdown cct cuts back the power.
The cap. can be replaced with a fixed value cap. of around 4pF but it needs to be selected under test.

The service manual has the procedure for calibrating the FWD and REV power metering. its fairly simple but requires 2x 50 ohm loads available. Check this first, then open the covers and look for the earthing strips that should be in contact with the covers, also check the boards particularly the filter board is tightly screwed down.

Ralph ZL1TBG

# 21018. MK11g control head

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-09 13:44:25 UTC
From: Chris L
Topic: 21018  Message: 21018

I am looking for just the control head for a mk11g. If anyone has one a good price let me know.

Thanks

Chris W9CLL

# 21019. Separation Cable OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-09 17:45:52 UTC
From: qrv@kd4e.com
Topic: 21018  Message: 21019

I have an extra separation cable for sale.

It's in the original ICOM box.

Asking $95., or best offer, including standard USA shipping.

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 21020. icom pll unit B4918E

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-16 06:38:21 UTC
From: va3ltd
Topic: 21020  Message: 21020

Greetings
lm looking for a PLL Unit B4918E for a icom 706 mkll if anyone has one that would be greatly appreciated thank you

Sent from Samsung tablet

# 21021. Has the yellow wire mod been done on my ic706?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-20 09:49:10 UTC
From: <rick.g6uzt@...>
Topic: 21021  Message: 21021

Chaps.
I've just acquired an ic706mk 1 but I'm not sure if it's had the yellow wire mod.
The radio receives FM band 2 ok and I was told that if that's ok it may have been factory modded.
Can some one confirm how I can check?
Cheers,
Rick

# 21022. New version of the MDSR – V2 .8 is available for download.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-25 17:59:49 UTC
From: <alexschwarz237@...>
Topic: 21022  Message: 21022

Hi Everybody;

MDSR V2.8 is now available for download (includes Manuals in PDF)

MDSR has again concentrated to bring you the best audio quality out of your existing analog RIG by turning it into an IF SDR. A simple and reversible modification on many analog transceivers is all it takes to connect the down converter (LIF2012 – available as kit) or the BiLIF (also a kit) to the soundcard of the computer (Win XP, Vista, 7, 8). MDSR works with any symmetrical HF transceiver.
Please check:
http://users.skynet.be/myspace/mdsr/ http://users.skynet.be/myspace/mdsr/ (click on MDSR kit and Installation)

The MDSR team has been hard at work to make the setup and calibration of the MDSR software and the BiLIF unit as easy as setting a level. All the real time level indicators have been integrated with the filter adjustment windows and no external measurement equipment is needed. Download the software manual or the MDSR software from our “Downloads” page.
You do not need to be an expert to build the LIF2012 and Bi-LIF kit. It is simple and straight forward and anyone with soldering experience (no SMD) can do it. Check the PDF document on “How to Build and setup the LIF”.

If you are interested and want to find out what other HAMs have been doing with the MDSR please join our Yahoo user group, where we have a big collection of pictures and a forum where you can post questions.
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

The MDSR software is free to use for amateur radio operators.

All the best and 73;

The MDSR TEAM

# 21023. Re: [ic706] New version o f the MDSR – V2 .8 is a vailable for download.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-25 19:12:02 UTC
From: LARRY J. FORD
Topic: 21023  Message: 21023

So, what does the kit and/or software do for the 706?

I've clicked on the links provided, and have yet to find a concise description or summary.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Tue, 25 Feb 2014 01:00:07 PM EST
From: <alexschwarz237@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] New version of the MDSR – V2 .8 is available for download.

> Hi Everybody;
>
> MDSR V2.8 is now available for download (includes Manuals in PDF)
>
> MDSR has again concentrated to bring you the best audio quality out of your existing analog RIG by turning it into an IF SDR. A simple and reversible modification on many analog transceivers is all it takes to connect the down converter (LIF2012 – available as kit) or the BiLIF (also a kit) to the soundcard of the computer (Win XP, Vista, 7, 8). MDSR works with any symmetrical HF transceiver.
> Please check:
> http://users.skynet.be/myspace/mdsr/ http://users.skynet.be/myspace/mdsr/ (click on MDSR kit and Installation)
>
> The MDSR team has been hard at work to make the setup and calibration of the MDSR software and the BiLIF unit as easy as setting a level. All the real time level indicators have been integrated with the filter adjustment windows and no external measurement equipment is needed. Download the software manual or the MDSR software from our “Downloads” page.
> You do not need to be an expert to build the LIF2012 and Bi-LIF kit. It is simple and straight forward and anyone with soldering experience (no SMD) can do it. Check the PDF document on “How to Build and setup the LIF”.
>
> If you are interested and want to find out what other HAMs have been doing with the MDSR please join our Yahoo user group, where we have a big collection of pictures and a forum where you can post questions.
> https://groups.yahoo.com/neo/groups/mdsradio/info https://groups.yahoo.com/neo/groups/mdsradio/info
>
> The MDSR software is free to use for amateur radio operators.
>
> All the best and 73;

>
> The MDSR TEAM

# 21024. 706 ON AND OFF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-26 09:15:56 UTC
From: <wayneaa5jj@...>
Topic: 21024  Message: 21024

My 706MK2G after turning it on after a bout 3 to 5 minutes it will start turning it self OFF then Back ON. It will keep doing this over and over and it may stay on for a few minutes but keeps on going OFF and ON. I have looked all over the internet and checked all the boards to make sure they are tight and they are checked the power cable and fuse's inside and out, Still does it. Any help will be greatly appreciated. Thanks in advance to anyone that reads this whether you can help or not.

73 Wayne AA5JJ

# 21025. Re: [ic706] 706 ON AND OFF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-26 15:31:59 UTC
From: Ralph Mowery
Topic: 21024  Message: 21025

I have one that did that. It finally would not come on at all. Sent it out for repairs. Seems there is a capacitor or rubber pad that leaks and eats up the foil traces and usually takes out a resistor and diode.

I would goto this web site and look at the problem and cure if you can work on the equipment.

http://www.n1eq.com/tech/page_03.html

I sent mine off here and it came back in around 2 weeks from the day I put in UPS and cost just under $ 100 including the shipping back to me.

http://www.sarts1.com/

I think I included a note that if it was under $ 200 not to call me, just repair and ship it back.

As mentioned on one of the web pages, make sure to check the power supply, fuses, and the molex plugs for loose or bad connections first.

---
On Wed, 2/26/14, wayneaa5jj@... <wayneaa5jj@...> wrote:

Subject: [ic706] 706 ON AND OFF
To: ic706@yahoogroups.com
Date: Wednesday, February 26, 2014, 4:15 AM

My 706MK2G after turning it on after a bout 3 to 5 minutes
it will start turning it self OFF then Back ON. It will keep
doing this over and over and it may stay on for a few
minutes but keeps on going OFF and ON.  I have looked
all over the internet and checked all the boards to make
sure they are tight and they are checked the power cable and
fuse's inside and out, Still does it.  Any help
will be greatly appreciated.  Thanks in advance to
anyone that reads this whether you can help or not.

73 Wayne AA5JJ

# 21026. Problem 6 Pin Data Port

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-26 20:29:30 UTC
From: <ic7461@...>
Topic: 21026  Message: 21026

I've been using my Icom 706MK2G for PSK31 for quite some time now and have it connected to my 6 pin data port and worked great up till yesterday. The interface is a USB Signalink. I have lost both USB,LSB power output with PSK31. The radio keys fine in all modes but just no output, all normal carrier modes are ok. The microphone input audio works fine in SSB. I have a friend that has the same problem recently with his IC-7000. No audio input at the 6 pin data port. He also uses a Signalink USB interface soundcard. He just inputs now from the microphone connector.
Has anybody seen this occur with their 706's?
73
AL7PX
Todd

# 21027. RE: 706 ON AND OFF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-02-27 03:00:08 UTC
From: <aj5bs@...>
Topic: 21024  Message: 21027

You have not stated whether this happens with the head mounted on the radio, with the head remotely mounted or both.

# 21028. RE: 706 ON AND OFF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-01 14:28:54 UTC
From: <joedingle108@...>
Topic: 21024  Message: 21028

I had same issue with 706mk2g cycling on/off.Lift the main board remove rubber pad used to stabilize circuit board,inspect foil traces for a break due to corrosion caused by adhesive used to mount rubber pad, jump breaks with small gauge wire make sure you area under pad is cleaned Note there is similar discussion of this problem on internet with pictures my board did not look as nasty as the board pictured.My serial number was 15xxxxx but have seen problem in earlier mk2g radios.

# 21029. RE: Problem 6 Pin Data Port

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-01 18:57:54 UTC
From: <ic7461@...>
Topic: 21026  Message: 21029

Solved!! Set the menu mode setting to 1200 bps. Works fine now.
AL7PX
Todd

# 21030. Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 07:20:35 UTC
From: <sergi3336@...>
Topic: 21030  Message: 21030

I have a MKIIG that has recently been repaired by Icom to replace an overheating resistor (R291) 22 Ohm, which became open thus loosing the 5 volt rail from the regulator IC291
I have noticed that both these resistors get too hot to touch without burning your finger off, does anyone know if this is normal for them to be so hot?, as the radio seems to be operating ok, the input voltage is around 14vdc
Any Ideas anyone?
Thanks

Sergi Zl3SL

# 21031. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 12:29:35 UTC
From: BOB RALPH
Topic: 21030  Message: 21031

How about - they've probably fitted the exact same resistors again which is what they are paid to do i.e. don't make any local decisions.

I'm thinking I would be replacing those resistors with something bigger.

Bob G4KSG

---

From: "sergi3336@..." <sergi3336@yahoo.com>
To: ic706@yahoogroups.com
Sent: Thursday, 13 March 2014, 7:20
Subject: [ic706] Overheating Resistors

I have a MKIIG that has recently been repaired by Icom to replace an overheating resistor (R291) 22 Ohm, which became open thus loosing the 5 volt rail from the regulator IC291
I have noticed that both these resistors get too hot to touch without burning your finger off, does anyone know if this is normal for them to be so hot?, as the radio seems to be operating ok, the input voltage is around 14vdc
Any Ideas anyone?
Thanks

Sergi Zl3SL

# 21032. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 14:25:05 UTC
From: BOB RALPH
Topic: 21030  Message: 21032

Would fitting a zener help?

Bob G4KSG

---
From: BOB RALPH <bobralph@...>
To: ic706@yahoogroups.com
Sent: Thursday, 13 March 2014, 12:29
Subject: Re: [ic706] Overheating Resistors

How about - they've probably fitted the exact same resistors again which is what they are paid to do i.e. don't make any local decisions.

I'm thinking I would be replacing those resistors with something bigger.

Bob G4KSG

---
From: "sergi3336@..." <sergi3336@...>
To: ic706@yahoogroups.com
Sent: Thursday, 13 March 2014, 7:20
Subject: [ic706] Overheating Resistors

I have a MKIIG that has recently been repaired by Icom to replace an overheating resistor (R291) 22 Ohm, which became open thus loosing the 5 volt rail from the regulator IC291
I have noticed that both these resistors get too hot to touch without burning your finger off, does anyone know if this is normal for them to be so hot?, as the radio seems to be operating ok, the input voltage is around 14vdc
Any Ideas anyone?
Thanks

Sergi Zl3SL

# 21033. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 19:46:41 UTC
From: <jack.mrfixit198@...>
Topic: 21030  Message: 21033

what is the input voltage from your power source. is it a battery and charger or is it a power supply?

it sounds like a PS and the radio is getting 14-16 volts and that is too much for it to handle it wants to see 11-14 volts 13.6 is what they are set up to have on the input.

Jack N6UYB

From: BOB RALPH
Sent: Thursday, March 13, 2014 10:25 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Overheating Resistors

Would fitting a zener help?

Bob G4KSG

From: BOB RALPH <bobralph@...>
To: ic706@yahoogroups.com
Sent: Thursday, 13 March 2014, 12:29
Subject: Re: [ic706] Overheating Resistors

How about - they've probably fitted the exact same resistors again which is what they are paid to do i.e. don't make any local decisions.

I'm thinking I would be replacing those resistors with something bigger.

Bob G4KSG

From: "sergi3336@..." <sergi3336@...>
To: ic706@yahoogroups.com
Sent: Thursday, 13 March 2014, 7:20
Subject: [ic706] Overheating Resistors

I have a MKIIG that has recently been repaired by Icom to replace an overheating resistor (R291) 22 Ohm, which became open thus loosing the 5 volt rail from the regulator IC291
I have noticed that both these resistors get too hot to touch without burning your finger off, does anyone know if this is normal for them to be so hot?, as the radio seems to be operating ok, the input voltage is around 14vdc
Any Ideas anyone?
Thanks

Sergi Zl3SL

# 21034. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 19:56:24 UTC
From: LARRY J. FORD
Topic: 21030  Message: 21034

Don't know about your 706, but mine will start distorting audio like heck once the input voltage drops below 12.0 VDC.

Spec is 13.8 VDC, plus or minus 15 % (2.07 VDC), so the low end is 11.73 VDC, according to book spec, but mine will not really function that low due to distorted audio.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 13 Mar 2014 03:47:14 PM EDT
From: <jack.mrfixit198@...>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] Overheating Resistors

> what is the input voltage from your power source. is it a battery and charger or is it a power supply?
>
> it sounds like a PS and the radio is getting 14-16 volts and that is too much for it to handle it wants to see 11-14 volts 13.6 is what they are set up to have on the input.
>
> Jack N6UYB
>
> From: BOB RALPH
> Sent: Thursday, March 13, 2014 10:25 AM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Overheating Resistors
>
>
>
>
> Would fitting a zener help?
>
> Bob G4KSG
>
> From: BOB RALPH <bobralph@...>
> To: ic706@yahoogroups.com
> Sent: Thursday, 13 March 2014, 12:29
> Subject: Re: [ic706] Overheating Resistors
>
>
> How about - they've probably fitted the exact same resistors again which is what they are paid to do i.e. don't make any local decisions.
>

> I'm thinking I would be replacing those resistors with something bigger.
>
> Bob G4KSG
>
> From: "sergi3336@..." <sergi3336@...>
> To: ic706@yahoogroups.com
> Sent: Thursday, 13 March 2014, 7:20
> Subject: [ic706] Overheating Resistors
>
>
> I have a MKIIG that has recently been repaired by Icom to replace an overheating resistor (R291) 22 Ohm, which became open thus loosing the 5 volt rail from the regulator IC291
> I have noticed that both these resistors get too hot to touch without burning your finger off, does anyone know if this is normal for them to be so hot?, as the radio seems to be operating ok, the input voltage is around 14vdc
> Any Ideas anyone?
> Thanks
>
> Sergi Zl3SL
>
>
>
>
>
>
>

# 21035. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-13 21:21:21 UTC
From: Stanley Klakamp
Topic: 21030  Message: 21035

"mine will start distorting audio like heck once the input voltage drops below 12.0 VDC"

Was that the transmit audio distorting, or the receive audio?

Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
---
On Mar 13, 2014 3:56 PM, "LARRY J. FORD" <lford@...> wrote:
>
> Don't know about your 706, but mine will start distorting audio like heck once the input voltage drops below 12.0 VDC.
>
> Spec is 13.8 VDC, plus or minus 15 % (2.07 VDC), so the low end is 11.73 VDC, according to book spec, but mine will not really function that low due to distorted audio.
>
> Larry J. Ford
> K4AECl

# 21036. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 13:51:31 UTC
From: LARRY J. FORD
Topic: 21030  Message: 21036

TX, as that draws the higher current, which will obviously drop an already low voltage condition even lower.

RX is OK at lower voltage levels as far as I can tell.

LJF

------ Original Message ------
Received: Fri, 14 Mar 2014 02:22:05 AM EDT
From: Stanley Klakamp <k8ll.ham@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Overheating Resistors

> "mine will start distorting audio like heck once the input voltage drops
> below 12.0 VDC"
>
> Was that the transmit audio distorting, or the receive audio?
>
> Stan K8LL
> 10-10# 76801
> FP# 3255
> Propagation is our master . . . but sometimes the master is cruel!
> ---------------
> On Mar 13, 2014 3:56 PM, "LARRY J. FORD" <lford@...> wrote:
> >
> > Don't know about your 706, but mine will start distorting audio like heck
> once the input voltage drops below 12.0 VDC.
> >
> > Spec is 13.8 VDC, plus or minus 15 % (2.07 VDC), so the low end is 11.73
> VDC, according to book spec, but mine will not really function that low due
> to distorted audio.
> >
> > Larry J. Ford
> > K4AECl
>

# 21037. Loving my 706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 13:57:52 UTC
From: Ron Lawrence
Topic: 21037  Message: 21037

I'm loving my 706 I'm using mobile.
I've been making son fantastic DX contacts,
I've found that if I can hear em, I can work em.
Some of the countries worked so far are;
Russia, Germany, France, Spain, Holland, Ukraine,
Australia, and all over the U.S.
Strictly barefoot, into a Pozy screwdriver on the
back of my '91 Buick Park Ave.

Talking to the locals on the repeater is nice, but
working someone on the other side of the globe is FUN!!

I've also got a 706 in the shack, but the one in the
car gets the most use by far.

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, RON w4ron
http://radioheaven.homestead.com/menu.html

# 21038. Re: [ic706] Loving my 706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 14:05:51 UTC
From: Jeffrey Schwartz
Topic: 21037  Message: 21038

On Fri, Mar 14, 2014 at 9:57 AM, Ron Lawrence <W4RON@...> wrote:
> I'm loving my 706 I'm using mobile.
> I've been making son fantastic DX contacts,
> I've found that if I can hear em, I can work em.
> Some of the countries worked so far are;
> Russia, Germany, France, Spain, Holland, Ukraine,
> Australia, and all over the U.S.
> Strictly barefoot, into a Pozy screwdriver on the
> back of my '91 Buick Park Ave.
>
> Talking to the locals on the repeater is nice, but
> working someone on the other side of the globe is FUN!!
>
> I've also got a 706 in the shack, but the one in the
> car gets the most use by far.
>
>

I changed vehicles recently, haven't gotten the HF antenna on the new
truck yet...
... but my "original" setup in the old truck was a FT-2900 for 2M, and
an old Radio Shack HTX-100 (I think) for 10M
It had a detune problem at 'full power' of 25 watts, but worked fine at 5W.
I used to work Europe on it from Jacksonville FL.

When I got the 706, original flavor, man, I felt like I was King of the World.
Jumping from 5W to 100W was just wonderful.

Favorite QSO - 20m with a Hamstick, about 6PM local time on the way
home from work...
Two gents with Vxxxxx calls talking. I figured Canada. At one point
one of them asks, "Anyone else out there?"
I jumped in, said Hi... Talked to one of them for a bit, then he said,
"Want to talk the other guy?"
I said,"Sure, I like Canadians"
Second guy jumped in,"I'm Australian, mate."
Here I am in Starke,Fl, a tiny little cow-town, talking to Canada
_and_ Australia at the same time.

# 21039. Re: [ic706] Loving my 706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 15:24:57 UTC
From: steve schumm
Topic: 21037  Message: 21039

---

On Fri, 3/14/14, Ron Lawrence <W4RON@...> wrote:

Subject: [ic706] Loving my 706
To: ic706@yahoogroups.com
Date: Friday, March 14, 2014, 9:57 AM

hi ron-- I have the 706mk11g, sensivity is excellent. also have the 250 hz cw filter. work that with the passband tuning and you have an unbeatable combo.. if you are on six meters, when may thru august comes and the e-skip comes to your qth enjoy.. I have qso with Europe, Caribbean, south America, and a lot of the eastern half of the usa .. . my qth is about 55 miles north of nyc. we use grid squares in 6-meters, if not familiar with grid squares, just look em in a search engine... happy dxing--steve--wb2oee

I'm loving my 706 I'm using mobile.

I've been making son fantastic DX contacts,

I've found that if I can hear em, I can work em.

Some of the countries worked so far are;

Russia, Germany, France, Spain, Holland, Ukraine,

Australia, and all over the U.S.

Strictly barefoot, into a Pozy screwdriver on the

back of my '91 Buick Park Ave.

Talking to the locals on the repeater is nice, but

working someone on the other side of the globe is FUN!!

I've also got a 706 in the shack, but the one in the

car gets the most use by far.

~~~~~~~~~~~~~~~~~~~~

Knee-deep in the cosmic overwhelm, I’m stricken

by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots

with the everythingness of everything else.

~~~~~~~~~~~~~~~~~~~~

73, RON w4ron

http://radioheaven.homestead.com/menu.html

# 21040. Re: Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 06:22:33 UTC
From: <sergi3336@...>
Topic: 21030  Message: 21040

Thanks for all the suggestions

The voltage input has been 14.2Vdc delivered from the alternator of the vehicle where it has been running daily over the last 6 years, I suppose they might have been getting this hot on a regular basis until one of them gave out, as they are both in pararell, it would be interesting to see if anyone has also had to replace one of these or if they could check if they also get to this high temperature on another rig,
The resistors can be seen on the PLL board under the set, two of them side by side, rectangular chip type, with 220 stamped on them R291 & R292.

Thanks Again

Sergi ZL3SL

# 21041. Re: [ic706] Overheating Resistors

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-14 08:18:26 UTC
From: <sergi3336@...>
Topic: 21030  Message: 21041

The unit would not switch on at all when the 5 volt rail failed due to the open resistor due to the overheating problem
Sergi ZL3SL

# 21042. I'm Puzzled

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-21 23:59:45 UTC
From: <ki4wcq52@...>
Topic: 21042  Message: 21042

I noticed something odd on my MKII G on 15m and 17m. Often when I key the mic in SSB, I have power indicated out without any audio input. I check to make sure that split isn't on, and I'm in SSB mode during the time the mic button is pushed. I can push it several times and get power out on my HM-102 meter, and then it will just quit showing any power out until I speak into the mic. If I wait a few minutes, this anomoly will start again. I watch the diplay to make sure it isn't changing modes when I do this, and it still says USB.

Sometimes the power stays full up when keying the mic, sometimes it shows full and then drops to zero over about 3 seconds, sometimes it's momentary before falling to zero, and other times there is no indication out as it should be and that's the way it is on all other bands.

This doesn't occur on the other bands in SSB TX. Anyone ever experience this?
73,
Johnny KI4WCQ

# 21043. Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 04:09:37 UTC
From: <ki4wcq52@...>
Topic: 21043  Message: 21043

When I key the mic in USB on 17m I get indication of power out on the display and also an inline meter, even with no audio input. If i rekey three or four times it will quit doing that. It's like a carrier is being thrown. I watch the display to make sure that it is in fact in USB when it is keyed, and no split or other function is on.

It doesn't do this all the time, but only on occasion. If I hold the mic button down, sometimes the power will drop to zero in about three seconds, sometimes not. As I said earlier, rekeying several times will stop this from happening.

This only happens on 17m and not the other bands. Anyone have an idea what is the problem?

73
Johnny KI4WCQ

# 21044. Re: [ic706] I'm Puzzled

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 08:46:06 UTC
From: Ralph Mowery
Topic: 21042  Message: 21044

This seems to be a common problem.  Look here for a simple fix.

http://www.ad5x.com/images/Presentations/IC706InstabilityRevA.pdf

Seems that one of the circuit boards is not grounded correctly and causes the 706 to oscillate.

>_____
>From: "ki4wcq52@..." <ki4wcq52@...>
>To: ic706@yahoogroups.com
>Sent: Friday, March 21, 2014 7:59 PM
>Subject: [ic706] I'm Puzzled
>
>
>
>
>
>I noticed something odd on my MKII G on 15m and 17m.  Often when I key the mic in SSB, I have power indicated out without any audio input.  I check to make sure that split isn't on, and I'm in SSB mode during the time the mic button is pushed.  I can push it several times and get power out on my HM-102 meter, and then it will just quit showing any power out until I speak into the mic.   If I wait a few minutes, this anomoly will start again.  I watch the diplay to make sure it isn't changing modes when I do this, and it still says USB.
>
>Sometimes the power stays full up when keying the mic, sometimes it shows full and then drops to zero over about 3 seconds, sometimes it's momentary before falling to zero, and other times there is no indication out as it should be and that's the way it is on all other bands.
>
>This doesn't occur on the other bands in SSB TX.  Anyone ever experience this?
>73,
>Johnny KI4WCQ
>
>
>
>
>

# 21045. Re: [ic706] Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 10:33:33 UTC
From: mikerodgerske5gbc@...
Topic: 21043  Message: 21045

Yes, I'm in a hurry now but it's a known problem on 15 & 17. If your lucky you can get by with tightening all the board grounding/ mounting screws.

I've got some emails saved on the subject.

73
Mike R

RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.

On Mar 21, 2014, at 11:09 PM, <ki4wcq52@...> wrote:

> When I key the mic in USB on 17m I get indication of power out on the display and also an inline meter, even with no audio input. If i rekey three or four times it will quit doing that. It's like a carrier is being thrown. I watch the display to make sure that it is in fact in USB when it is keyed, and no split or other function is on.
>
> It doesn't do this all the time, but only on occasion. If I hold the mic button down, sometimes the power will drop to zero in about three seconds, sometimes not. As I said earlier, rekeying several times will stop this from happening.
>
> This only happens on 17m and not the other bands. Anyone have an idea what is the problem?
>
> 73
> Johnny KI4WCQ
>
>

# 21046. Re: Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 13:03:26 UTC
From: <gw0div@...>
Topic: 21043  Message: 21046

Could it be the famous 15/17m oscillation problem??? Have you tried reseating the boards making sure all the earths are clean? Rhys GW0DIIV

# 21047. Re: [ic706] Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 14:10:06 UTC
From: mikerodgerske5gbc@...
Topic: 21043  Message: 21047

There is some info on www.ad5x.com including a link to icom service bulletin about the ground springs.

If that ad5x mod and reseating doesn't help, some have used a counterpoise. I'll look for that.

73
Mike R

RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.

On Mar 21, 2014, at 11:09 PM, <ki4wcq52@...> wrote:

> When I key the mic in USB on 17m I get indication of power out on the display and also an inline meter, even with no audio input. If i rekey three or four times it will quit doing that. It's like a carrier is being thrown. I watch the display to make sure that it is in fact in USB when it is keyed, and no split or other function is on.
>
> It doesn't do this all the time, but only on occasion. If I hold the mic button down, sometimes the power will drop to zero in about three seconds, sometimes not. As I said earlier, rekeying several times will stop this from happening.
>
> This only happens on 17m and not the other bands. Anyone have an idea what is the problem?
>
> 73
> Johnny KI4WCQ
>
>

# 21048. Re: [ic706] Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 14:16:17 UTC
From: mikerodgerske5gbc@...
Topic: 21043  Message: 21048

Here's text from a previous thread on the 706mk2g group.

73
Mike R

I use a 8" diameter 7 turns of LM400 choke about 3' from the antenna feed, gets rid of the spurious noise. Antenna is a Hustler 6BTV + 17, 12, and 6 meter add-ons that I designed. Feed is from a 706MKIIg, or IC-7000 via an AT180 auto tuner.

pat NE6PG

On Fri, Oct 25, 2013 at 1:29 PM,kawill70@gmail.com wrote:

Mike - I don't recall anyone mentioning a counterpoise, but several amateurs have used 7 meters of coax between their antenna tuner and transceiver. See the earlier posts in this thread including the link to eHam.net.

The additional coax changes the impedance seen by the radio at 11 Mhz. The low impedance capacitive load is rotated to a higher impedance inductive load at 11 Mhz. You can visualize this on a Smith Chart. However, I think the desired length might be different depending on the specific antenna and the type of tuner. The 7 meters of coax was based on a measurement of 1-j30 ohms at 11 Mhz.

73, AA6P

RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.

On Mar 22, 2014, at 9:10 AM, mikerodgerske5gbc@... wrote:

> There is some info on www.ad5x.com including a link to icom service bulletin about the ground springs.
>
> If that ad5x mod and reseating doesn't help, some have used a counterpoise. I'll look for that.
>
> 73
> Mike R
>
> RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.
>
> On Mar 21, 2014, at 11:09 PM, <ki4wcq52@yahoo.com> wrote:
>
>>
>> When I key the mic in USB on 17m I get indication of power out on the display and also an inline meter, even with no audio input. If i rekey three or four times it will quit doing that. It's like a carrier is being thrown. I watch the display to make sure that it is in fact in USB when it is keyed, and no split or other function is on.

>>
>> It doesn't do this all the time, but only on occasion. If I hold the mic button down, sometimes the power will drop to zero in about three seconds, sometimes not. As I said earlier, rekeying several times will stop this from happening.
>>
>> This only happens on 17m and not the other bands. Anyone have an idea what is the problem?
>>
>> 73
>> Johnny KI4WCQ
>>
>
>

# 21049. Re: [ic706] I'm Puzzled

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 13:02:18 UTC
From: <ki4wcq52@...>
Topic: 21042  Message: 21049

Thanks for the link. I'll try that if tightening the board screws doesn't fix it. The link mentions this happening if SWR is 2:1, but I have the problem even into a 1:1 dummy load.
73,
Johnny

# 21050. Re: [ic706] I'm Puzzled

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 15:12:03 UTC
From: mikerodgerske5gbc@...
Topic: 21042  Message: 21050

It doesn't have to be 2:1.

73
Mike R

RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.

On Mar 22, 2014, at 8:02 AM, <ki4wcq52@yahoo.com> wrote:

> Thanks for the link. I'll try that if tightening the board screws doesn't fix it. The link mentions this happening if SWR is 2:1, but I have the problem even into a 1:1 dummy load.
> 73,
> Johnny
>
>

# 21051. Re: [ic706] Tried to post this problem earlier.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 15:10:07 UTC
From: <ki4wcq52@...>
Topic: 21043  Message: 21051

Thanks for the tips! Problem solved...apparently it was the grounding spring problem. No longer is there oscillation on 15m and 17m.

I loosened and tightened the board screws and sanded the inside cover where the springs contact. I didn't see but faint evidence of the spring contacting the cover on the paint.

My MKII G must be a later model as it had the spring mod installed that was mentioned in an earlier link about the service bullitin...although the spring mod looks like it makes minimal contact to a screw post. I would think the solution in the link would be more reliable in making a ground.

Thanks to all and 73.
Johnny KI4WCQ

# 21052. Re: [ic706] I'm Puzzled

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-22 17:34:24 UTC
From: AG0N-3055
Topic: 21042  Message: 21052

> but I have the problem even into a 1:1 dummy load.

That's a VERY clear sign that SOMETHING is unstable. If it only happened on the antenna, I would suspect something else. Do the grounding and be done with it.

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 21053. Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-24 12:03:22 UTC
From: <kc8pcl@...>
Topic: 21053  Message: 21053

Hello All,
A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.
Dave

# 21054. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-24 14:48:03 UTC
From: Dave
Topic: 21053  Message: 21054

how much current is being drawn and what power does the meter indicate on the 706?

Sent from Samsung Mobile

-------- Original message --------
From: kc8pcl@yahoo.com
Date:
To: ic706@yahoogroups.com
Subject: [ic706] Low output on HF

Hello All,
A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.

Dave

# 21055. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-24 23:57:40 UTC
From: John Geiger
Topic: 21053  Message: 21055

how much power is it putting out on 6m? I think that uses a common signal path with HF

73 John AF5CC

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Monday, March 24, 2014 2:48 PM
Subject: Re: [ic706] Low output on HF

how much current is being drawn and what power does the meter indicate on the 706?

Sent from Samsung Mobile

-------- Original message --------
From: kc8pcl@...
Date:
To: ic706@yahoogroups.com
Subject: [ic706] Low output on HF

Hello All,
A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.
Dave

# 21056. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-24 23:56:47 UTC
From: John Geiger
Topic: 21053  Message: 21056

There is a way to internally lower the power for the different bands. Have you made sure that it hasn't been lowered to that level, maybe to drive an amp?

Good luck with your troubleshooting.

73 John AF5CC

----- Original Message -----
From: Dave
To: ic706@yahoogroups.com
Sent: Monday, March 24, 2014 2:48 PM
Subject: Re: [ic706] Low output on HF

how much current is being drawn and what power does the meter indicate on the 706?

Sent from Samsung Mobile

-------- Original message --------
From: kc8pcl@...
Date:
To: ic706@yahoogroups.com
Subject: [ic706] Low output on HF

Hello All,
A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.
Dave

# 21057. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-25 06:10:58 UTC
From: Simon Watt-Wyness ZL1SWW
Topic: 21053  Message: 21057

Hi,

It is also worth checking the power output as you go up the hf bands.
I had an issue on mine that was lowish at 80 m and increased as I went up to 10 m.

Mine was a crook diode in the swr detection circuit. It went leaky. Replaced the diode and all was good again.

Cheers.

Simon
ZL1SWW

Dave <nsadventurer@yahoo.ca> wrote:

>how much current is being drawn and what power does the meter indicate on the 706?
>
>
>Sent from Samsung Mobile
>
>-------- Original message --------
>From: kc8pcl@yahoo.com
>Date:
>To: ic706@yahoogroups.com
>Subject: [ic706] Low output on HF
>
>Hello All,
>       A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.
>                                                                Dave
>

# 21058. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-25 06:19:57 UTC
From: Stanley Klakamp
Topic: 21053  Message: 21058

"crystal" diode????

K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
On Mar 25, 2014 2:11 AM, "Simon Watt-Wyness ZL1SWW" <hanzinzl@...>
wrote:

>
>
> Hi,
>
> It is also worth checking the power output as you go up the hf bands.
> I had an issue on mine that was lowish at 80 m and increased as I went up
> to 10 m.
>
> Mine was a crook diode in the swr detection circuit. It went leaky.
> Replaced the diode and all was good again.
>
> Cheers.
>
> Simon
> ZL1SWW
>
>
> Dave <nsadventurer@...> wrote:
>
>
>
> how much current is being drawn and what power does the meter indicate on
> the 706?
>
>
> Sent from Samsung Mobile
>
>
>
> -------- Original message --------
> From: kc8pcl@...
> Date:
> To: ic706@yahoogroups.com
> Subject: [ic706] Low output on HF
>
>

>
>
> Hello All,
> A very good friend of mine asked me to see if I could repair his
> Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power
> output on HF, about 10 to 15 watts output with the power level at high. No
> signs of anything burned up on the PA board, nothing discolored in any way.
> This is a newer version that has the RD 70HVF1 finals. Can anyone give me
> some advice to track down the problem? I have all the equipment here to
> repair the radio with the exception of an RF probe for my DVM. Thanking you
> in advance, and hope to hear from someone about this trouble,73.
> Dave
>
>

# 21059. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-25 10:58:05 UTC
From: Simon Watt-Wyness ZL1SWW
Topic: 21053  Message: 21059

Hi

No they are schottky diodes. I forget the number but they are double diodes in a small smd sot23 type package.
There are two of these diodes, one for fwd power and one for reverse.
When I dig the manual out I can tell you.
I think the PIV is a little low for the application they are in. I used a different type which work just as well.

Cheers,

Simon
ZL1SWW

Stanley Klakamp <k8ll.ham@gmail.com> wrote:

>"crystal" diode????
>
>K8LL
>10-10# 76801
>FP# 3255
>Propagation is our master . . . but sometimes the master is cruel!
>On Mar 25, 2014 2:11 AM, "Simon Watt-Wyness ZL1SWW" <hanzinzl@yahoo.com>
>wrote:
>
>>
>>
>> Hi,
>>
>> It is also worth checking the power output as you go up the hf bands.
>> I had an issue on mine that was lowish at 80 m and increased as I went up
>> to 10 m.
>>
>> Mine was a crook diode in the swr detection circuit. It went leaky.
>> Replaced the diode and all was good again.
>>
>> Cheers.
>>
>> Simon
>> ZL1SWW
>>
>>
>> Dave <nsadventurer@yahoo.ca> wrote:
>>
>>
>>

>> how much current is being drawn and what power does the meter indicate on
>> the 706?
>>
>>
>> Sent from Samsung Mobile
>>
>>
>>
>> -------- Original message --------
>> From: kc8pcl@yahoo.com
>> Date:
>> To: ic706@yahoogroups.com
>> Subject: [ic706] Low output on HF
>>
>>
>>
>>
>> Hello All,
>> A very good friend of mine asked me to see if I could repair his
>> Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power
>> output on HF, about 10 to 15 watts output with the power level at high. No
>> signs of anything burned up on the PA board, nothing discolored in any way.
>> This is a newer version that has the RD 70HVF1 finals. Can anyone give me
>> some advice to track down the problem? I have all the equipment here to
>> repair the radio with the exception of an RF probe for my DVM. Thanking you
>> in advance, and hope to hear from someone about this trouble,73.
>> Dave
>>
>>

# 21060. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-25 10:46:27 UTC
From: Dave
Topic: 21053  Message: 21060

#2 to that. Mine would output only 20-30w across HF/6 meters but an easy fix when I found it.
If this is the issue and you order a replacement off ebay then pay attention to the part number suffix because of the device polarity.
Dont ask me how I know.

Sent from Samsung Mobile

-------- Original message --------
From: Simon Watt-Wyness ZL1SWW <hanzinzl@yahoo.com>
Date:
To: ic706@yahoogroups.com
Subject: Re: [ic706] Low output on HF

Hi,

It is also worth checking the power output as you go up the hf bands.
I had an issue on mine that was lowish at 80 m and increased as I went up to 10 m.

Mine was a crook diode in the swr detection circuit. It went leaky. Replaced the diode and all was good again.

Cheers.

Simon
ZL1SWW

Dave <nsadventurer@yahoo.ca> wrote:

how much current is being drawn and what power does the meter indicate on the 706?

Sent from Samsung Mobile

-------- Original message --------
From: kc8pcl@yahoo.com
Date:
To: ic706@yahoogroups.com
Subject: [ic706] Low output on HF

Hello All,
       A very good friend of mine asked me to see if I could repair his Icom 706 Mk II G. The radio works great on UHF / VHF, But real low power output on HF, about 10 to 15 watts output with the power level at high. No signs of anything burned up on the PA board, nothing discolored in any way. This is a newer version that has the RD 70HVF1 finals. Can anyone give me some advice to track down the problem? I have all the equipment here to repair the radio with the exception of an RF probe for my DVM. Thanking you in advance, and hope to hear from someone about this trouble,73.
                                                                Dave

# 21061. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-25 16:08:56 UTC
From: Stan
Topic: 21053  Message: 21061

Hi Simon.

You originally said "Mine was a crook diode in the swr detection circuit."
Was wondering, is "crook diode" another name for a "schottky diode"?
Hadn't heard of it before.

73, Thanks!
Stan K8LL
---
On 3/25/2014 6:58 AM, Simon Watt-Wyness ZL1SWW wrote:
>
> Hi
>
> No they are schottky diodes. I forget the number but they are double
> diodes in a small smd sot23 type package.
> There are two of these diodes, one for fwd power and one for reverse.
> When I dig the manual out I can tell you.
> I think the PIV is a little low for the application they are in. I
> used a different type which work just as well.
>
> Cheers,
>
> Simon
> ZL1SWW
>

# 21062. Old dog learns new trick.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-03-30 13:56:14 UTC
From: mikerodgerske5gbc@...
Topic: 21062  Message: 21062

I've used a 706 for about 9 years although mostly a k3 the last 3 years.

I do ssb 100% and never found occasion to use the notch filter much but after putting the rig back in the dodge, I was pushing buttons trying to reduce noise.

I found the notch filter made a noticeable difference. I had the 1.9 narrow filter engaged, NR at level 3 and the notch filter which really helped. Of course audio sounds better with notch off because it seems to notch the highs of the voice also but a good tool to remember for me.

73
Mike R

RIP- Mr 500. STP's Andy Granatelli from racing fans everywhere.

# 21063. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-04 17:38:43 UTC
From: G1ZHD
Topic: 21053  Message: 21063

ZL translation to US English

Crook = Broken or Damaged

From: Stan
Sent: Tuesday, March 25, 2014 5:08 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Low output on HF

Hi Simon.

You originally said "Mine was a crook diode in the swr detection circuit."
Was wondering, is "crook diode" another name for a "schottky diode"? Hadn't heard of it before.

73, Thanks!
Stan K8LL
---

On 3/25/2014 6:58 AM, Simon Watt-Wyness ZL1SWW wrote:

??
Hi

No they are schottky diodes. I forget the number but they are double diodes in a small smd sot23 type package.
There are two of these diodes, one for fwd power and one for reverse.
When I dig the manual out I can tell you.
I think the PIV is a little low for the application they are in. I used a different type which work just as well.

Cheers,

Simon
ZL1SWW

[Non-text portions of this message have been removed]

# 21064. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-04 17:44:54 UTC
From: Stanley Klakamp
Topic: 21053  Message: 21064

Thanks!

He said something about a "crook" diode & I thought maybe autocorrect had
changed "crystal" to "crook."

Now it makes sense!

73
K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!

On Apr 4, 2014 1:38 PM, "G1ZHD" <g1zhd@...> wrote:
>
> ZL translation to US English
>
> Crook = Broken or Damaged

# 21065. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-05 18:12:23 UTC
From: <kc8pcl@...>
Topic: 21053  Message: 21065

Hello All,
I checked the amp meter on the power supply, on ten meters and SSB, The amp meter shows the radio to be drawing 10 to 15 amps, but the inline power meter shows that I am only putting out about 10 to 12 watts. Any ideas what could be causing this???, 73 for now.
Dave

# 21066. RE: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-05 20:26:28 UTC
From: Bob Reiff
Topic: 21053  Message: 21066

Is the heat sink getting hot? 10 Amps @14 volts with 50% efficiency should be about 70 watts output. At 60-70% it should give near 100 watts out. That’s about what it is rated at anyhow. It may not be too far off. Maybe the rig power is dialed back and the excess is going up in heat from the heat sink????????? I don’t know the theory of how the power output regulation works so someone else will have to chime in.

Bob, WA8ULW

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of kc8pcl@...
Sent: April 05, 2014 14:12
To: ic706@yahoogroups.com
Subject: Re: [ic706] Low output on HF

Hello All,
I checked the amp meter on the power supply, on ten meters and SSB, The amp meter shows the radio to be drawing 10 to 15 amps, but the inline power meter shows that I am only putting out about 10 to 12 watts. Any ideas what could be causing this???, 73 for now.
Dave

# 21067. RE: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 00:45:03 UTC
From: LARRY J. FORD
Topic: 21053  Message: 21067

If measuring power output on SSB, you must have true, active peak reading wattmeter to display the actual peak output.

Most watt meters are average reading watt meters, and the average output on SSB with 100 watts peak output may well read in the 10-15 watt range.

What does the rig show when in a constant carrier mode?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sat, 05 Apr 2014 04:27:00 PM EDT
From: "Bob Reiff" <wa8ulw@arrl.net>
To: <ic706@yahoogroups.com>
Subject: RE: [ic706] Low output on HF

> Is the heat sink getting hot? 10 Amps @14 volts with 50% efficiency should be about 70 watts output. At 60-70% it should give near 100 watts out. That’s about what it is rated at anyhow. It may not be too far off. Maybe the rig power is dialed back and the excess is going up in heat from the heat sink????????? I don’t know the theory of how the power output regulation works so someone else will have to chime in.
>
>
>
>
>
> Bob, WA8ULW
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com] On Behalf Of kc8pcl@...
> Sent: April 05, 2014 14:12
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Low output on HF
>
>
>
>
>
>
> Hello All,
> I checked the amp meter on the power supply, on ten meters and SSB, The amp meter shows the radio to be drawing 10 to 15 amps, but the inline power meter shows that I am only putting out about 10 to 12 watts. Any ideas what

could be causing this???, 73 for now.
> Dave
>
>
>
>

# 21068. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 05:32:32 UTC
From: Facility 406 DM09
Topic: 21053  Message: 21068

: He said something about a "crook" diode & I thought maybe autocorrect had
: changed "crystal" to "crook."

That's the solid state replacement for a Crookes Tube.

Duh.

Kurt

# 21069. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 07:19:32 UTC
From: Costas Krallis
Topic: 21053  Message: 21069

On 05/04/2014 09:12 pm, kc8pcl@... wrote:

> I checked the amp meter on the power supply, on ten meters and
> SSB, The amp meter shows the radio to be drawing 10 to 15 amps, but the
> inline power meter shows that I am only putting out about 10 to 12
> watts. Any ideas what could be causing this???, 73 for now.

First, try to measure power in CW mode, where you can get
a meaningful reading. To measure power in SSB you need a
continuous tone generator for the reason already explained.
Also you may switch in the voice compressor and set the
gain and compressor levels a bit higher, as I have done
with my IC-706 MkII (not G model).

73 Costas SV1XV

# 21070. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 15:30:49 UTC
From: <kc8pcl@...>
Topic: 21053  Message: 21070

Hello Costas,
I checked the output in CW mode on 10 meters, with the power setting at 3, the output was 8 watts, from the setting of 3 all the way to high, the output is only 12 watts maximum, no more increase in power is noted. I tested the diodes D9 and D10 on the SWR circuit with my diode tester and both diodes are good. no shorts. Any other help with testing will help, 73 for now Costas.
Dave

# 21071. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 16:02:03 UTC
From: Costas Krallis
Topic: 21053  Message: 21071

On 2014-04-06 18:30, kc8pcl@... wrote:

> I checked the output in CW mode on 10 meters, with the power
> setting at 3, the output was 8 watts, from the setting of 3 all the way
> to high, the output is only 12 watts maximum, no more increase in power
> is noted. I tested the diodes D9 and D10 on the SWR circuit with my
> diode tester and both diodes are good. no shorts. Any other help with
> testing will help, 73 for now Costas.

I suspect a fault in the ALC circuit, because you get reasonable
power levels at low settings which level up at higher settings.

73 Costas SV1XV

--
+-----------------------------------------------------------+
| Costas Krallis SV1XV * LOC KM18UA |
| P.O.Box 3066 * E-Mail: |
| GR-10210 Athens * PGP key: 0x07F2AAD0 |
| GREECE * http://www.qsl.net/sv1xv/ |
+-----------------------------------------------------------+

# 21072. Re: [ic706] Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-06 18:24:49 UTC
From: LARRY J. FORD
Topic: 21053  Message: 21072

Or a bad PA transistor breaking down at higher levels?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sun, 06 Apr 2014 12:02:23 PM EDT
From: Costas Krallis <kkrallis@...>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Low output on HF

> On 2014-04-06 18:30, kc8pcl@... wrote:
>
> > I checked the output in CW mode on 10 meters, with the power
> > setting at 3, the output was 8 watts, from the setting of 3 all the way
> > to high, the output is only 12 watts maximum, no more increase in power
> > is noted. I tested the diodes D9 and D10 on the SWR circuit with my
> > diode tester and both diodes are good. no shorts. Any other help with
> > testing will help, 73 for now Costas.
>
> I suspect a fault in the ALC circuit, because you get reasonable
> power levels at low settings which level up at higher settings.
>
> 73 Costas SV1XV
>
>
> --
> +-----------------------------------------------------------+
> | Costas Krallis SV1XV * LOC KM18UA |
> | P.O.Box 3066 * E-Mail: |
> | GR-10210 Athens * PGP key: 0x07F2AAD0 |
> | GREECE * http://www.qsl.net/sv1xv/ |
> +-----------------------------------------------------------+
>
>

# 21073. Icom 706 Mk2G service manual

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-08 17:35:01 UTC
From: <kc8pcl@...>
Topic: 21073  Message: 21073

Hello All,
I am looking for a late edition of the service manual for this radio, I have one that was printed in 1999, that has the older final transistors shown. I am trying to find a revised edition of this manual to troubleshoot the pre drivers and the driver and the finals. Can anyone email me a PDF of the newer version? Thanks, 73 for now.
Dave

# 21074. Re: Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-12 22:24:32 UTC
From: <kc8pcl@...>
Topic: 21053  Message: 21074

Found the problem with the radio, the driver board has a bad driver for the HF/50mhz. Called Icom parts and was told that they will not sell the board to the public, they are only allowed to issue them to the repair dept. If I want it fixed, to send it in and it will cost $482.07 plus shipping for both ways. Since this radio has been discontinued, they will not have any more driver boards made for them, so when their stock runs out. you will be told that your radio is no longer serviceable. Apparently the had problems with this board and had to replace them in several radios to the point that they have exhausted their supply. I am not too impressed with the way it is being handled, an obvious factory defective board. 73.
Dave

# 21075. Re: [ic706] Re: Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-12 22:32:27 UTC
From: LARRY J. FORD
Topic: 21053  Message: 21075

Factory defective? After how many years?

Which model? "Original 706?" (now nearly 20 years old); IC-706MKII (almost as old)? or IC-706MKIIG?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Sat, 12 Apr 2014 06:25:06 PM EDT
From: <kc8pcl@...>
To: <ic706@yahoogroups.com>
Subject: [ic706] Re: Low output on HF

> Found the problem with the radio, the driver board has a bad driver for the HF/50mhz. Called Icom parts and was told that they will not sell the board to the public, they are only allowed to issue them to the repair dept. If I want it fixed, to send it in and it will cost $482.07 plus shipping for both ways. Since this radio has been discontinued, they will not have any more driver boards made for them, so when their stock runs out. you will be told that your radio is no longer serviceable. Apparently the had problems with this board and had to replace them in several radios to the point that they have exhausted their supply. I am not too impressed with the way it is being handled, an obvious factory defective board. 73.
> Dave

# 21076. Re: [ic706] Re: Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-12 22:48:50 UTC
From: <bruce.clements@...>
Topic: 21053  Message: 21076

Is it a physical defect in the board or the inability to replace the defective component ? I realize that SMT devices frighten some people and board replacement is a quick way out. I had the complete RF rear end smoked and I was able to get the SMT pre- driver from RF Parts for under $20.00

Bruce
VE3BV

Sent from my iPhone

> On Apr 12, 2014, at 6:32 PM, "LARRY J. FORD" <lford@usa.net> wrote:
>
> Factory defective? After how many years?
>
> Which model? "Original 706?" (now nearly 20 years old); IC-706MKII (almost as
> old)? or IC-706MKIIG?
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Sat, 12 Apr 2014 06:25:06 PM EDT
> From: <kc8pcl@yahoo.com>
> To: <ic706@yahoogroups.com>
> Subject: [ic706] Re: Low output on HF
>
> > Found the problem with the radio, the driver board has a bad driver for the
> HF/50mhz. Called Icom parts and was told that they will not sell the board to
> the public, they are only allowed to issue them to the repair dept. If I want
> it fixed, to send it in and it will cost $482.07 plus shipping for both ways.
> Since this radio has been discontinued, they will not have any more driver
> boards made for them, so when their stock runs out. you will be told that your
> radio is no longer serviceable. Apparently the had problems with this board
> and had to replace them in several radios to the point that they have
> exhausted their supply. I am not too impressed with the way it is being
> handled, an obvious factory defective board. 73.
> > Dave
>
>

# 21077. Re: [ic706] Re: Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-13 04:49:40 UTC
From: Facility 406 DM09
Topic: 21053  Message: 21077

"Called Icom parts and was told that they will not sell the board to the public, they are only allowed to issue them to the repair dept."

Tell them you aren't "public" and that you will be repairing it in your "repair dept". Do whatever bullshit it takes to get them to sell you the board AND keep you and everyone who reads the reflectors and your "global blog" a customer for years to come.

Kurt

# 21078. Re: [ic706] Re: Low output on HF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-13 05:23:21 UTC
From: mikerodgerske5gbc@...
Topic: 21053  Message: 21078

That price sounds like the boards that had the Motorola finals now in short supply.

73
Mike R

On Apr 12, 2014, at 5:24 PM, <kc8pcl@...> wrote:

> Found the problem with the radio, the driver board has a bad driver for the HF/50mhz. Called Icom parts and was told that they will not sell the board to the public, they are only allowed to issue them to the repair dept. If I want it fixed, to send it in and it will cost $482.07 plus shipping for both ways. Since this radio has been discontinued, they will not have any more driver boards made for them, so when their stock runs out. you will be told that your radio is no longer serviceable. Apparently the had problems with this board and had to replace them in several radios to the point that they have exhausted their supply. I am not too impressed with the way it is being handled, an obvious factory defective board. 73.
> Dave
>
>

# 21079. 706 with reset issue

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-14 00:33:11 UTC
From: <bruce.clements@...>
Topic: 21079  Message: 21079

Hi Folks. I posted this once before but I thought I would toss it out again. I have a 706mk2 that when you power it up it does a CPU reset which is Band up/Band down and power at the same time..The band up/down don't work in that mode BUT in a sub menu they work. I have measured the CPU reset line at the CPU and the voltages are present and different depending on which of the Band buttons is pressed. This eliminates any open traces etc..

Here's the big question, does anyone know the exact voltages on a normal CPU. The reason being
this unit was hit by lightning and the Up/Down worked but quit shortly after the rest of the unit was repaired. I have the unit on the air but with some work around.

I was starting to wonder if a hole has been blown in the eeprom map.

Thanks
Bruce
VE3BV /VE3AAY

# 21080. Icom 706 mk2g with signalink S1+

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-24 11:54:47 UTC
From: <kc8pcl@...>
Topic: 21080  Message: 21080

Has anyone connected a Signalink S1+ to their 706 mk2g ? There is two ways to connect this unit, the data port or the 13 pin acc socket. What is the best connection to use ? Does anyone have any experience with this ? I sure could use some advice. Thanks for reading this post, 73.
Dave

# 21081. Re: [ic706] Icom 706 mk2g with signalink S1+

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-24 14:28:15 UTC
From: wp4mxb@yahoo.com
Topic: 21080  Message: 21081

I have mine in the data jack port works ok for me.

Carlos WP4MXB

Sent from Yahoo Mail on Android

# 21082. Re: Icom 706 mk2g with signalink S1+

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-24 16:39:28 UTC
From: <bdajohn@...>
Topic: 21080  Message: 21082

Let me correct my earlier post. I bought the conector cord with the signalink usb. it is conected to the 13 pin jack. The cord from my computer goes to the civ jack. Have made several hundred psk contacts with this arrangement and it works well. FYI Ialso have a LDG-100 attatched and a morse key. Lots of cables to my radio but nary a problem.

# 21083. Re: [ic706] Icom 706 mk2g with signalink S1+

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-24 14:02:28 UTC
From: John S Pritchett
Topic: 21080  Message: 21083

I use the 706 with a signalink usb via the 13 pin acc socket. The computer
is using the data port. Hope this helps.

With Best Wishes
John S.Pritchett
https://sites.google.com/site/bdajohn/

On Thu, Apr 24, 2014 at 6:54 AM, <kc8pcl@...> wrote:

>
>
> Has anyone connected a Signalink S1+ to their 706 mk2g ? There is two ways
> to connect this unit, the data port or the 13 pin acc socket. What is the
> best connection to use ? Does anyone have any experience with this ? I sure
> could use some advice. Thanks for reading this post, 73.
>
> Dave
>
>
>

# 21084. 706 remote display?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-25 15:26:52 UTC
From: Ron Lawrence
Topic: 21084  Message: 21084

Does anyone make a remote display for a 706?
I saw a post about a tablet display for a IC-7000
the other day and it got me thinking about how
nice it'd be to have one for my 706 in the car.
My radio is mounted right in front of the seat where
my hand goes right to it when my arm is on the
center armrest, but the display requires me to take
my eyes off the road to read it.

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, RON w4ron
http://radioheaven.homestead.com/menu.html

# 21085. Re: [ic706] 706 remote display?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-25 15:52:43 UTC
From: LARRY J. FORD
Topic: 21084  Message: 21085

I think the closest you will get to a "remote display" for an IC-706 is to connect it (via the CI-V port) to a PC running HRD or similar program and thereby gain some "limited" external display function.

The IC-7000 is a totally different "animal" than the 706 series, being much more digitally-capable than the 706 series (digital connectivity being pretty much limited to the CI-V port). The IC-7000 has a port that will output the video displayed on that external digital display that you see advertised for the IC-7000.

To my knowledge, there is no similar capability or function with the 706 series.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Fri, 25 Apr 2014 11:27:14 AM EDT
From: Ron Lawrence <W4RON@...m>
To: ic706@yahoogroups.com
Subject: [ic706] 706 remote display?

> Does anyone make a remote display for a 706?
> I saw a post about a tablet display for a IC-7000
> the other day and it got me thinking about how
> nice it'd be to have one for my 706 in the car.
> My radio is mounted right in front of the seat where
> my hand goes right to it when my arm is on the
> center armrest, but the display requires me to take
> my eyes off the road to read it.
>
>
> ~~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~~
>
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
>
>

# 21086. MDSR - BiLIF goes portable with ASUS U7 USB sound interface

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-25 18:26:09 UTC
From: <alexschwarz237@...>
Topic: 21086  Message: 21086

Hi Everybody;

MDSR (Modulation – Demodulation Software Radio) has been developed as a software package to run on a home computer. But since the software is developed in Java, it runs very well on a laptop computer too. The only issue has been the need to have an internal high performance soundcard. We could not find a decent USB soundcard that would have the performance to match the MDSR requirements. That is when David Ring approached us and he provided the answer to a USB sound card that we thought will work.

The MDSR team has developed a potable BiLIF and USB sound card combination that allows using the MDSR for portable operations with a Laptop. The design is based on a existing high end USB sound card - the ASUS Xonar U7. This sound device provides a 8pin header plug for the connection between the BiLIF and the soundcard PCB. This makes the adaption of the U7 very simple and robust.

We have just finished the compliance test of the portable Bi-LIF - Asus U7 unit. The performance matches the one we measured during the Asus Xonar test. The Asus Xonar is a PCI-E card with a very impressive dynamic range.
Now that we have the portable BiLIF running on a Laptop it can basically go anywhere and provide superior RX and TX audio as well as all the digital formats provided by fldigi.

For more info go the MDSR website:
http://users.skynet.be/myspace/mdsr

or the MDSR Yahoo user group: (photos can be found at the Yahoo user group)
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

Comments are always welcome.
All the best and 73;

The MDSR Team

# 21087. 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-25 19:29:19 UTC
From: <sm7dse@...>
Topic: 21087  Message: 21087

Hi, my IC706mk2g seems deep frozen. On power-up it displays a full-scale bar graph, no audio and no transmit on PTT.All other functions seem to be OK, e.g. VFOs, mode switch and all menu switches. Remember this happened a few times earlier, then returning to OK status, but now problem is permanent. Any clues to this?
Kent
SM7DSE

# 21088. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-25 20:38:48 UTC
From: <bruce.clements@...>
Topic: 21087  Message: 21088

Do a full CPU reset.
Hold Band up
Band down
And Power at same time then release at same time.

Sent from my iPhone

> On Apr 25, 2014, at 4:35 PM, sm7dse@stherrestad.nu wrote:
>
> Hi, my IC706mk2g seems deep frozen. On power-up it displays a full-scale bar graph, no audio and no transmit on PTT.All other functions seem to be OK, e.g. VFOs, mode switch and all menu switches. Remember this happened a few times earlier, then returning to OK status, but now problem is permanent. Any clues to this?
> Kent
> SM7DSE
>
>
>
>
>

# 21089. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-26 10:44:04 UTC
From: Kent Larsson
Topic: 21087  Message: 21089

Tried that several times, no change. Today I
could hear some noise from the rear (relays playing?).

At 22:38 2014-04-25, you wrote:
>
>
>Do a full CPU reset.
>Hold Band up
> Band down
>And Power at same time then release at same time.
>
>Sent from my iPhone
>
>On Apr 25, 2014, at 4:35 PM,
><mailto:sm7dse@...>sm7dse@... wrote:
>
>>
>>
>>Hi, my IC706mk2g seems deep frozen. On power-up
>>it displays a full-scale bar graph, no audio
>>and no transmit on PTT.All other functions seem
>>to be OK, e.g. VFOs, mode switch and all menu
>>switches. Remember this happened a few times
>>earlier, then returning to OK status, but now
>>problem is permanent. Any clues to this?
>>Kent
>>SM7DSE
>>
>

# 21090. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-26 12:04:44 UTC
From: mikerodgerske5gbc@...
Topic: 21087  Message: 21090

I suppose you already tried cleaning the head to body contacts with alcohol and q tips?

73
Mike R

Check out the QRZ app

On Apr 26, 2014, at 5:44 AM, Kent Larsson <sm7dse@...> wrote:

> Tried that several times, no change. Today I could hear some noise from the rear (relays playing?).
>
>
>
> At 22:38 2014-04-25, you wrote:
>>
>>
>> Do a full CPU reset.
>> Hold Band up
>> Band down
>> And Power at same time then release at same time.
>>
>> Sent from my iPhone
>>
>> On Apr 25, 2014, at 4:35 PM, sm7dse@... wrote:
>>
>>>
>>>
>>> Hi, my IC706mk2g seems deep frozen. On power-up it displays a full-scale bar graph, no audio and no transmit on PTT.All other functions seem to be OK, e.g. VFOs, mode switch and all menu switches. Remember this happened a few times earlier, then returning to OK status, but now problem is permanent. Any clues to this?
>>> Kent
>>> SM7DSE
>
>

# 21091. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-27 16:35:42 UTC
From: Kent Larsson
Topic: 21087  Message: 21091

Yes, have tried that, still no change!
73/Kent

At 14:04 2014-04-26, you wrote:
>
>
>I suppose you already tried cleaning the head to
>body contacts with alcohol and q tips?
>
>73
>Mike R
>
>Check out the QRZ app
>
>On Apr 26, 2014, at 5:44 AM, Kent Larsson
><<mailto:sm7dse@...>sm7dse@stherrestad.nu> wrote:
>
>>
>>
>>Tried that several times, no change. Today I
>>could hear some noise from the rear (relays playing?).
>>
>>
>>
>>At 22:38 2014-04-25, you wrote:
>>>
>>>
>>>Do a full CPU reset.
>>>Hold Band up
>>> Band down
>>>And Power at same time then release at same time.
>>>
>>>Sent from my iPhone
>>>
>>>On Apr 25, 2014, at 4:35 PM,
>>><mailto:sm7dse@...>sm7dse@... wrote:
>>>
>>>>
>>>>
>>>>Hi, my IC706mk2g seems deep frozen. On
>>>>power-up it displays a full-scale bar graph,
>>>>no audio and no transmit on PTT.All other
>>>>functions seem to be OK, e.g. VFOs, mode
>>>>switch and all menu switches. Remember this
>>>>happened a few times earlier, then returning

>>>>to OK status, but now problem is permanent. Any clues to this?
>>>>Kent
>>>>SM7DSE
>

# 21092. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-27 20:06:19 UTC
From: Ricky L Graham
Topic: 21087  Message: 21092

Kent, I had this problem too. From what I found out it is likely a dirty connection inside the HPF unit. I sent mine out to get repaired as I didn't want any oops's with this particular radio.

On Fri, Apr 25, 2014 at 2:29 PM, <sm7dse@...> wrote:

>
>
> Hi, my IC706mk2g seems deep frozen. On power-up it displays a full-scale
> bar graph, no audio and no transmit on PTT.All other functions seem to be
> OK, e.g. VFOs, mode switch and all menu switches. Remember this happened a
> few times earlier, then returning to OK status, but now problem is
> permanent. Any clues to this?
> Kent
> SM7DSE
>
>
>
>

--
Rick Graham

Evil prevails when good men do nothing.

# 21093. Re: [ic706] 706 frozen

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-28 08:16:02 UTC
From: Kent Larsson
Topic: 21087  Message: 21093

Thanks Ricky for info. I had the rig sent to my
local store, but after 2 months they reported
"nothing wrong". I will open the can and check
the HPF unit. I hate to lose the rig, it has been good to me./Kent

At 22:06 2014-04-27, you wrote:
>
>
>Kent, I had this problem too.Â From what I
>found out it is likely a dirty connection inside
>the HPF unit.Â I sent mine out to get repaired
>as I didn't want any oops's with this particular radio.Â
>
>
>On Fri, Apr 25, 2014 at 2:29 PM,
><<mailto:sm7dse@stherrestad.nu>sm7dse@...> wrote:
>Â
>
>Hi, my IC706mk2g seems deep frozen. On power-up
>it displays a full-scale bar graph, no audio and
>no transmit on PTT.All other functions seem to
>be OK, e.g.Â VFOs, mode switch and all menu
>switches. Remember this happened a few times
>earlier, then returning to OK status, but now
>problem is permanent. Any clues to this?
>Kent
>SM7DSE
>
>
>
>
>
>
>--
>Rick Graham
>
>Evil prevails when good men do nothing.
>Â
>

# 21094. Looking for Control Head for 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-04-30 13:42:20 UTC
From: <wellsia@...>
Topic: 21094  Message: 21094

Hi All
I'm looking for a control Head for my 706. I picked up the radio with power cable, extension cable for control head, antenna switch. But I have no way to test the rig. Any ideas or if anyone has a control head for sale.
Thanks

73's
de KE7WMI

# 21095. Repairs

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-13 08:36:23 UTC
From: Michael Buckley
Topic: 6764  Message: 21095

I just thought the others might like to benefit from my experience.

I have a Mk 1 and the AAMU, however they would not work together,
although each worked perfectly well in themselves.

Being fairly local to Martin Lynch who are always so very helpful, I
took it in there and they said, looks like a board problem in the set
and we don't have spares, sorry!

I gave Icom in Herne Bay a ring and Chris there said, yes, no problem,
bring it in, on an agreed date, be there at "first parade" and we will
see what we can do.

So I did and with a bit of bribery to the XYL had a day out in Reculver
as well.

Wonderful service, by noon all fixed - oh! and did you know somebody has
blown the front end of the 2M section, that is why its deaf!
(Seems that putting straight RF into it does not do it much good, so
that was how I bought it, it seems, s/h of course)

I have to say I recommend a trip, by arrangement, down to Herne Bay,
good advice, delivered in a helpful way and with a sensible price tag.
(Two silly little components needed replacing.

Mike
m1ccf
GB2RA

---
This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

# 21096. Re: [ic706] Repairs

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-13 09:31:15 UTC
From: mikerodgerske5gbc@...
Topic: 6764  Message: 21096

Glad to hear it, mate!

Cheerio
Mike R. (Across the pond)

There's more behind this picture than the wall.
-Doyle Lawson

On May 13, 2014, at 3:36 AM, "Michael Buckley M1CCF@... [ic706]" <ic706@yahoogroups.com> wrote:

> I just thought the others might like to benefit from my experience.
>
> I have a Mk 1 and the AAMU, however they would not work together,
> although each worked perfectly well in themselves.
>
> Being fairly local to Martin Lynch who are always so very helpful, I
> took it in there and they said, looks like a board problem in the set
> and we don't have spares, sorry!
>
> I gave Icom in Herne Bay a ring and Chris there said, yes, no problem,
> bring it in, on an agreed date, be there at "first parade" and we will
> see what we can do.
>
> So I did and with a bit of bribery to the XYL had a day out in Reculver
> as well.
>
> Wonderful service, by noon all fixed - oh! and did you know somebody has
> blown the front end of the 2M section, that is why its deaf!
> (Seems that putting straight RF into it does not do it much good, so
> that was how I bought it, it seems, s/h of course)
>
> I have to say I recommend a trip, by arrangement, down to Herne Bay,
> good advice, delivered in a helpful way and with a sensible price tag.
> (Two silly little components needed replacing.
>
> Mike
> m1ccf
> GB2RA
>
> ---
> This email is free from viruses and malware because avast! Antivirus protection is
active.
> http://www.avast.com
>
>

# 21097. Re: [ic706] Repairs

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-13 14:23:15 UTC
From: LARRY J. FORD
Topic: 6764  Message: 21097

Congrats on the successful repair, but what's an "AAMU?"

Larry J. Ford
K4AEC
IC-706 ("original, no MK")
IC-706MKII

------ Original Message ------
Received: Tue, 13 May 2014 04:36:38 AM EDT
From: "Michael Buckley M1CCF@talktalk.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Repairs

> I just thought the others might like to benefit from my experience.
>
> I have a Mk 1 and the AAMU, however they would not work together,
> although each worked perfectly well in themselves.
>
> Being fairly local to Martin Lynch who are always so very helpful, I
> took it in there and they said, looks like a board problem in the set
> and we don't have spares, sorry!
>
> I gave Icom in Herne Bay a ring and Chris there said, yes, no problem,
> bring it in, on an agreed date, be there at "first parade" and we will
> see what we can do.
>
> So I did and with a bit of bribery to the XYL had a day out in Reculver
> as well.
>
> Wonderful service, by noon all fixed - oh! and did you know somebody has
> blown the front end of the 2M section, that is why its deaf!
> (Seems that putting straight RF into it does not do it much good, so
> that was how I bought it, it seems, s/h of course)
>
> I have to say I recommend a trip, by arrangement, down to Herne Bay,
> good advice, delivered in a helpful way and with a sensible price tag.
> (Two silly little components needed replacing.
>
> Mike
> m1ccf
> GB2RA
>
>
>
>
>

> ---
> This email is free from viruses and malware because avast! Antivirus
protection is active.
> http://www.avast.com
>
>

# 21098. Re: [ic706] Repairs

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-13 16:25:03 UTC
From: Joe
Topic: 6764  Message: 21098

I'm guessing "Automatic Antenna Matching Unit"...

Joe,
N3JI

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "'LARRY J. FORD' lford@usa.net [ic706]" <ic706@yahoogroups.com>
Date:05/13/2014 10:23 (GMT-05:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] Repairs

Congrats on the successful repair, but what's an "AAMU?"

Larry J. Ford
K4AEC
IC-706 ("original, no MK")
IC-706MKII

------ Original Message ------
Received: Tue, 13 May 2014 04:36:38 AM EDT
From: "Michael Buckley M1CCF@talktalk.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Repairs

> I just thought the others might like to benefit from my experience.
>
> I have a Mk 1 and the AAMU, however they would not work together,
> although each worked perfectly well in themselves.
>
> Being fairly local to Martin Lynch who are always so very helpful, I
> took it in there and they said, looks like a board problem in the set
> and we don't have spares, sorry!
>
> I gave Icom in Herne Bay a ring and Chris there said, yes, no problem,
> bring it in, on an agreed date, be there at "first parade" and we will
> see what we can do.
>
> So I did and with a bit of bribery to the XYL had a day out in Reculver
> as well.
>
> Wonderful service, by noon all fixed - oh! and did you know somebody has
> blown the front end of the 2M section, that is why its deaf!
> (Seems that putting straight RF into it does not do it much good, so
> that was how I bought it, it seems, s/h of course)
>

> I have to say I recommend a trip, by arrangement, down to Herne Bay,
> good advice, delivered in a helpful way and with a sensible price tag.
> (Two silly little components needed replacing.
>
> Mike
> m1ccf
> GB2RA
>
>
>
>
>
> ---
> This email is free from viruses and malware because avast! Antivirus
protection is active.
> http://www.avast.com
>
>

# 21099. Re: MKIIG HF RX Went Deaf

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-15 20:39:27 UTC
From: abvasquez@...
Topic: 4928  Message: 21099

Hello Bill,

I know this is an old post...I just encountered exactly the same issue with my MKIIG. Were you able to resolve this? If so, I would really appreciate if you could share the fix. Thanks.

73,

Andy AB6UX

# 21100. IC-706MKIIG Deaf RX, TX works OK

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-15 20:12:04 UTC
From: abvasquez@...
Topic: 21100  Message: 21100

I was driving one day and the RX suddenly went quite while listening on 20M. Checked all the bands and it's pretty much dead. I could only hear faintly strong signals that are likely S9+. Plugging and unplugging the antenna does not change the white noise ratio. I've read about possible issue with RL1 having the antenna connected to PA output all the time due to a shorted Q1. Is there a quick way of verifying this condition before doing any surgery on the board and any other possible cause and cure encountered by anybody? Your assistance would be greatly appreciated. Thanks!

# 21101. Re: [ic706] IC-706MKIIG Deaf RX, TX works OK

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-15 21:26:35 UTC
From: Kyle Chavis
Topic: 21100  Message: 21101

Did you try it on another antenna to make sure it's not that? Just a thought, good luck!
73 Kyle

Sent from my iPhone

> On May 15, 2014, at 4:12 PM, "abvasquez@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> I was driving one day and the RX suddenly went quite while listening on 20M. Checked all the bands and it's pretty much dead. I could only hear faintly strong signals that are likely S9+. Plugging and unplugging the antenna does not change the white noise ratio. I've read about possible issue with RL1 having the antenna connected to PA output all the time due to a shorted Q1. Is there a quick way of verifying this condition before doing any surgery on the board and any other possible cause and cure encountered by anybody? Your assistance would be greatly appreciated. Thanks!
>
>
>
>

# 21102. Re: [ic706] IC-706MKIIG Deaf RX, TX works OK

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-15 21:59:58 UTC
From: mikerodgerske5gbc@...
Topic: 21100  Message: 21102

Although I don't know, you might tell us if the S meter is dead also.

A elderly friend of mine was fretting over his Kenwood 570 but his meter was working. I returned his squelch to the proper position and we were both relieved!

73
Mike R

There's more behind this picture than the wall.
-Doyle Lawson

On May 15, 2014, at 3:12 PM, "abvasquez@... [ic706]" <ic706@yahoogroups.com> wrote:

> I was driving one day and the RX suddenly went quite while listening on 20M. Checked all the bands and it's pretty much dead. I could only hear faintly strong signals that are likely S9+. Plugging and unplugging the antenna does not change the white noise ratio. I've read about possible issue with RL1 having the antenna connected to PA output all the time due to a shorted Q1. Is there a quick way of verifying this condition before doing any surgery on the board and any other possible cause and cure encountered by anybody? Your assistance would be greatly appreciated. Thanks!
>
>

# 21103. Re: [ic706] IC-706MKIIG Deaf RX, TX works OK

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-16 09:28:27 UTC
From: abvasquez@...
Topic: 21100  Message: 21103

Hello Mike,

Thanks for responding. Yes, the S meter is dead as well. I hook up the rig to my home antenna and even did a reset to no avail.

73,
Andy

# 21104. Re: [ic706] IC-706MKIIG Deaf RX, TX works OK

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-16 09:32:48 UTC
From: abvasquez@...
Topic: 21100  Message: 21104

Hello Kyle,

Yes, I hooked it up to my home antenna to isolate that possibility. Thanks!

73, Andy

# 21105. MDSR (modulation demodulation software radio) goes portable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-20 18:04:27 UTC
From: alexschwarz237@...
Topic: 21105  Message: 21105

Hi Everybody;

The MDSR and the BiLIF hardware gives HAM radio operators to upgrade their analog radios to an IF SDR. The MDSR software V2.8 can be downloaded from our group or the MDSR website.

for more information please join our group:
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info
MDSR website: http://users.skynet.be/myspace/mdsr http://users.skynet.be/myspace/mdsr

We have just finished testing the MDSR software running on a Asus T100 notebook touch tablet computer. The notebook is connected to the BiLIF - USB Xonar sound device via USB port. As a test radio we used the IC-7000 and it performed beautiful.
The T100 touch note book is a great little device that has the power to run The MDSR software with room to spare. The 10" screen is a bit small but makes for a great portable unit. It provides 10h battery time, with the connected peripherals it will be more likely 5h, but connected to the FT-817 it is great for JT-65 and WSPR contacts while portable. And it is light; about 2lb!
This T100 sells with full capable Win8.1 and has 64GB of solid state hard drive which is more than enough for the MDSR software and all the companion software. At a price point of below $400 it is a steal.
Please note: The MS Surface touch pads are Win8.1 RT which does not support legacy programs and can not be used for MDSR.

The MDSR software is free and RX kits can be ordered via Paypal. For the RX - TX kit please contact me directly. My e-mail can be found at my VE7DXW profile at http://www.qrz.com/ http://www.qrz.com/ or in the group.

All the best;

Alex / VE7DXW

# 21106. Re: MDSR (modulation demodulation software radio) goes portable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-05-20 20:19:36 UTC
From: qrv@kd4e.com
Topic: 21105  Message: 21106

Am I correct in reading-in that MDSR and BiLIF are limited to the
proprietary and problem-plagued Microsoft operating system?

If so, are there any plans to port it to the non-proprietary and
open source Linux operating system?

Thanks - David KD4E

> Hi Everybody;
>
> The MDSR and the BiLIF hardware gives HAM radio operators to upgrade
> their analog radios to an IF SDR. The MDSR software V2.8 can be
> downloaded from our group or the MDSR website.
>
> for more information please join our group:
> https://groups.yahoo.com/neo/groups/mdsradio/info
>
> MDSR website: http://users.skynet.be/myspace/mdsr
>
>
> We have just finished testing the MDSR software running on a Asus
> T100 notebook touch tablet computer. The notebook is connected to the
> BiLIF - USB Xonar sound device via USB port. As a test radio we used
> the IC-7000 and it performed beautiful.
>
> The T100 touch note book is a great little device that has the power
> to run The MDSR software with room to spare. The 10" screen is a bit
> small but makes for a great portable unit. It provides 10h battery
> time, with the connected peripherals it will be more likely 5h, but
> connected to the FT-817 it is great for JT-65 and WSPR contacts
> while portable. And it is light; about 2lb!
>
> This T100 sells with full capable Win8.1 and has 64GB of solid state
> hard drive which is more than enough for the MDSR software and all
> the companion software. At a price point of below $400 it is a
> steal.
>
> Please note: The MS Surface touch pads are Win8.1 RT which does not
> support legacy programs and can not be used for MDSR.
>
> The MDSR software is free and RX kits can be ordered via Paypal. For
> the RX - TX kit please contact me directly. My e-mail can be found at
> my VE7DXW profile at http://www.qrz.com/ or in the group.
>
>
> All the best;

>
> Alex / VE7DXW

--

David (NOT Dave) Colburn, KD4E - Nevils, Georgia USA

Safe & Secure Search Engine: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

# 21108. Anyone in UK selling 706Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-01 15:17:01 UTC
From: m0bmn@...
Topic: 21108  Message: 21108

If your thinking of selling your 706 mK2 G let me know your price asap (off group please)
many thanks (UK only please due to postage charges)
Paul
M0bmn@yahoo.co.uk

# 21109. 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 02:25:15 UTC
From: Wayne Bowyer
Topic: 21109  Message: 21109

Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter) I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.

73's
Wayne
n4eyz

# 21110. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 03:59:37 UTC
From: steve schumm
Topic: 21109  Message: 21110

hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee

On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:

Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter) I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.

73's
Wayne
n4eyz

# 21111. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 12:11:52 UTC
From: mikerodgerske5gbc@...
Topic: 21109  Message: 21111

If rf out is the only symptom, I'd look for operator error as its rare that both antenna jack systems fail at the same time.

73
Mike R

There's more behind this picture than the wall.
-Doyle Lawson

On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

> hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee
>
>
> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter) I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.
>
> 73's
> Wayne
> n4eyz
>
>
>

# 21112. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 12:20:26 UTC
From: <bruce.clements@...>
Topic: 21109  Message: 21112

Look at the internal fuse. I don't have my drawings handy but I think the fuse is on the high current rail.

Bruce
Ve3bv

Sent from my iPhone

> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@yahoo.com [ic706]" <ic706@yahoogroups.com> wrote:
>
> If rf out is the only symptom, I'd look for operator error as its rare that both antenna jack systems fail at the same time.
>
> 73
> Mike R
>
> There's more behind this picture than the wall.
> -Doyle Lawson
>
>> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@yahoo.com [ic706]" <ic706@yahoogroups.com> wrote:
>>
>>
>> hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee
>>
>>
>> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:
>>
>>
>>
>> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter) I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.
>>
>> 73's
>> Wayne
>> n4eyz
>
>

# 21113. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 14:13:39 UTC
From: Wayne Bowyer
Topic: 21109  Message: 21113

Thanks for the replies fellas. As best I can tell it's not op error, I've had this rig since new and am pretty familiar with it's operation. But I was remembering something about an internal fuse on the rf deck. I'm thinking that might (hopefully) be my problem.

Wayne
n4eyz

On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> Look at the internal fuse. I don't have my drawings handy but I think the
> fuse is on the high current rail.
>
> Bruce
> Ve3bv
>
> Sent from my iPhone
>
> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@... [ic706]" <
> ic706@yahoogroups.com> wrote:
>
>
>
> If rf out is the only symptom, I'd look for operator error as its rare
> that both antenna jack systems fail at the same time.
>
> 73
> Mike R
>
> There's more behind this picture than the wall.
> -Doyle Lawson
>
> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]" <
> ic706@yahoogroups.com> wrote:
>
>
>
> hi wayne- I just had no power out on mk11g, I forgot the nite before I was
> trying qrp on the low setting. I hope your problem is just as easy
> solved..73-steve--wb2oee
>
>
> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer

> wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a
> mobile install and was working fine just the day before. I was able to key
> a nearby 2m machine and got a weak signal report making me think I just had
> driver output (no relative output on rig's meter) I've not had the chance
> today to pull it out and look further, so this is a pretty much general
> inquiry as to a good starting point. Hopefully since the problem is on all
> bands that might narrow the search. Any input would be most appreciated.
> The rig is an early serial # G and is about 13-14 yrs old.
>
> 73's
> Wayne
> n4eyz
>
>
>
>

# 21114. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-13 21:39:36 UTC
From: mikerodgerske5gbc@...
Topic: 21109  Message: 21114

I think that fuse is a 4A one. Hope it's something simple.

First thing is to check output on FM with a watt meter.

73
Mike R

There's more behind this picture than the wall.
-Doyle Lawson

On Jun 13, 2014, at 9:13 AM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@...m> wrote:

> Thanks for the replies fellas. As best I can tell it's not op error, I've had this rig since new and am pretty familiar with it's operation. But I was remembering something about an internal fuse on the rf deck. I'm thinking that might (hopefully) be my problem.
>
> Wayne
> n4eyz
>
>
> On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <ic706@yahoogroups.com> wrote:
>>
>> Look at the internal fuse. I don't have my drawings handy but I think the fuse is on the high current rail.
>>
>> Bruce
>> Ve3bv
>>
>> Sent from my iPhone
>>
>> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com> wrote:
>>
>>>
>>> If rf out is the only symptom, I'd look for operator error as its rare that both antenna jack systems fail at the same time.
>>>
>>> 73
>>> Mike R
>>>
>>> There's more behind this picture than the wall.
>>> -Doyle Lawson
>>>
>>> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

>>>
>>>>
>>>> hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee
>>>>
>>>>
>>>> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:
>>>>
>>>>
>>>>
>>>> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter) I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.
>>>>
>>>> 73's
>>>> Wayne
>>>> n4eyz
>
>

# 21115. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-14 02:02:30 UTC
From: Wayne Bowyer
Topic: 21109  Message: 21115

Tried the rig today and it worked as it should. Full output on all bands. I will plan to pull the rig out of my truck and go thru the radio. Must be something loose or possibly a poor connection in the power plug which I understand is problematic. Actually I know it is as it was very touchy when just sitting on my desk. I really appreciate all the replies!

73
Wayne
n4eyz

On Fri, Jun 13, 2014 at 5:39 PM, mikerodgerske5gbc@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> I think that fuse is a 4A one. Hope it's something simple.
>
> First thing is to check output on FM with a watt meter.
>
> 73
> Mike R
>
> There's more behind this picture than the wall.
> -Doyle Lawson
>
> On Jun 13, 2014, at 9:13 AM, "Wayne Bowyer wayne.bowyer@...
> [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
>
> Thanks for the replies fellas. As best I can tell it's not op error, I've
> had this rig since new and am pretty familiar with it's operation. But I
> was remembering something about an internal fuse on the rf deck. I'm
> thinking that might (hopefully) be my problem.
>
> Wayne
> n4eyz
>
>
> On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <
> ic706@yahoogroups.com> wrote:
>
>>
>>
>> Look at the internal fuse. I don't have my drawings handy but I think the
>> fuse is on the high current rail.

>>
>> Bruce
>> Ve3bv
>>
>> Sent from my iPhone
>>
>> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@... [ic706]" <
>> ic706@yahoogroups.com> wrote:
>>
>>
>>
>> If rf out is the only symptom, I'd look for operator error as its rare
>> that both antenna jack systems fail at the same time.
>>
>> 73
>> Mike R
>>
>> There's more behind this picture than the wall.
>> -Doyle Lawson
>>
>> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]" <
>> ic706@yahoogroups.com> wrote:
>>
>>
>>
>> hi wayne- I just had no power out on mk11g, I forgot the nite before I
>> was trying qrp on the low setting. I hope your problem is just as easy
>> solved..73-steve--wb2oee
>>
>>
>> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer
>> wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:
>>
>>
>>
>> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a
>> mobile install and was working fine just the day before. I was able to key
>> a nearby 2m machine and got a weak signal report making me think I just had
>> driver output (no relative output on rig's meter) I've not had the chance
>> today to pull it out and look further, so this is a pretty much general
>> inquiry as to a good starting point. Hopefully since the problem is on all
>> bands that might narrow the search. Any input would be most appreciated.
>> The rig is an early serial # G and is about 13-14 yrs old.
>>
>> 73's
>> Wayne
>> n4eyz
>>
>>
>>

>
>

# 21116. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-14 07:16:20 UTC
From: mikerodgerske5gbc@...
Topic: 21109  Message: 21116

The fuse holders can be too.

73
Mike R

There's more behind this picture than the wall.
-Doyle Lawson

On Jun 13, 2014, at 9:02 PM, "Wayne Bowyer wayne.bowyer@... [ic706]"
<ic706@yahoogroups.com> wrote:

>
> Tried the rig today and it worked as it should. Full output on all bands. I will plan to pull the rig out of my truck and go thru the radio. Must be something loose or possibly a poor connection in the power plug which I understand is problematic. Actually I know it is as it was very touchy when just sitting on my desk. I really appreciate all the replies!
>
> 73
> Wayne
> n4eyz
>
>
> On Fri, Jun 13, 2014 at 5:39 PM, mikerodgerske5gbc@yahoo.com [ic706]
<ic706@yahoogroups.com> wrote:
>>
>> I think that fuse is a 4A one. Hope it's something simple.
>>
>> First thing is to check output on FM with a watt meter.
>>
>> 73
>> Mike R
>>
>> There's more behind this picture than the wall.
>> -Doyle Lawson
>>
>> On Jun 13, 2014, at 9:13 AM, "Wayne Bowyer wayne.bowyer@... [ic706]"
<ic706@yahoogroups.com> wrote:
>>
>>>
>>> Thanks for the replies fellas. As best I can tell it's not op error, I've had this rig since new and am pretty familiar with it's operation. But I was remembering something about an internal fuse on the rf deck. I'm thinking that might (hopefully) be my problem.
>>>
>>> Wayne
>>> n4eyz
>>>

>>>
>>> On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <ic706@yahoogroups.com>
wrote:
>>>>
>>>> Look at the internal fuse. I don't have my drawings handy but I think the fuse is on
the high current rail.
>>>>
>>>> Bruce
>>>> Ve3bv
>>>>
>>>> Sent from my iPhone
>>>>
>>>> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@yahoo.com [ic706]"
<ic706@yahoogroups.com> wrote:
>>>>
>>>>>
>>>>> If rf out is the only symptom, I'd look for operator error as its rare that both
antenna jack systems fail at the same time.
>>>>>
>>>>> 73
>>>>> Mike R
>>>>>
>>>>> There's more behind this picture than the wall.
>>>>> -Doyle Lawson
>>>>>
>>>>> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]"
<ic706@yahoogroups.com> wrote:
>>>>>
>>>>>>
>>>>>> hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying
qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee
>>>>>>
>>>>>>
>>>>>> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]"
<ic706@yahoogroups.com> wrote:
>>>>>>
>>>>>>
>>>>>>
>>>>>> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile
install and was working fine just the day before. I was able to key a nearby 2m machine and
got a weak signal report making me think I just had driver output (no relative output on
rig's meter) I've not had the chance today to pull it out and look further, so this is a
pretty much general inquiry as to a good starting point. Hopefully since the problem is on
all bands that might narrow the search. Any input would be most appreciated. The rig is an
early serial # G and is about 13-14 yrs old.
>>>>>>
>>>>>> 73's
>>>>>> Wayne
>>>>>> n4eyz
>

>

# 21117. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-14 14:10:33 UTC
From: LARRY J. FORD
Topic: 21109  Message: 21117

Have you checked the power supply/connections supplying power to the rig when it was acting "touchy?"

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: Fri, 13 Jun 2014 10:02:43 PM EDT
From: "Wayne Bowyer wayne.bowyer@... [ic706]"
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706G with no RF out

?

Tried the rig today and it worked as it should. Full output on all bands. I will plan to pull the rig out of my truck and go thru the radio. Must be something loose or possibly a poor connection in the power plug which I understand is problematic. Actually I know it is as it was very touchy when just sitting on my desk. I really appreciate all the replies!

73

Wayne

n4eyz

On Fri, Jun 13, 2014 at 5:39 PM, mikerodgerske5gbc@... [ic706] <ic706@yahoogroups.com> wrote:

?

I think that fuse is a 4A one. Hope it's something simple.?

First thing is to check output on FM with a watt meter.?

73

Mike R

There's more behind this picture than the wall.?
? ? ? ? -Doyle Lawson

On Jun 13, 2014, at 9:13 AM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:

?

Thanks for the replies fellas. As best I can tell it's not op error, I've had this rig since new and am pretty familiar with it's operation. But I was remembering something about

an internal fuse on the rf deck. I'm thinking that might (hopefully) be my problem.

Wayne

n4eyz

On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <ic706@yahoogroups.com> wrote:

?

Look at the internal fuse. I don't have my drawings handy but I think the fuse is on the high current rail.?

Bruce

Ve3bv

Sent from my iPhone

On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com> wrote:

?

If rf out is the only symptom, I'd look for operator error as its rare that both antenna jack systems fail at the same time.?

73

Mike R

There's more behind this picture than the wall.?
? ? ? ? ? -Doyle Lawson

On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

?

hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee

On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:

?

Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile install and was working fine just the day before. I was able to key a nearby 2m machine and got a weak signal report making me think I just had driver output (no relative output on rig's meter)? I've not had the chance today to pull it out and look further, so this is a pretty much general inquiry as to a good starting point. Hopefully since the problem is on all bands that might narrow the search. Any input would be most appreciated. The rig is an early serial # G and is about 13-14 yrs old.

73's

Wayne

n4eyz

# 21118. Re: [ic706] 706G with no RF out

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-14 15:10:59 UTC
From: Al Waschka
Topic: 21109  Message: 21118

If the power cord is not icom, that may contribute. I have read that while it looks like molex, and vendors sell molex lookalikes at hamfests, the molex pins do not reliably mate with the icom connector.

Al
K5TAN

Sent from my iPad

> On Jun 13, 2014, at 10:02 PM, "Wayne Bowyer wayne.bowyer@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:
>
>
> Tried the rig today and it worked as it should. Full output on all bands. I will plan to pull the rig out of my truck and go thru the radio. Must be something loose or possibly a poor connection in the power plug which I understand is problematic. Actually I know it is as it was very touchy when just sitting on my desk. I really appreciate all the replies!
>
> 73
> Wayne
> n4eyz
>
>
>> On Fri, Jun 13, 2014 at 5:39 PM, mikerodgerske5gbc@... [ic706] <ic706@yahoogroups.com> wrote:
>>
>> I think that fuse is a 4A one. Hope it's something simple.
>>
>> First thing is to check output on FM with a watt meter.
>>
>> 73
>> Mike R
>>
>> There's more behind this picture than the wall.
>> -Doyle Lawson
>>
>>> On Jun 13, 2014, at 9:13 AM, "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com> wrote:
>>>
>>>
>>> Thanks for the replies fellas. As best I can tell it's not op error, I've had this rig since new and am pretty familiar with it's operation. But I was remembering something about an internal fuse on the rf deck. I'm thinking that might (hopefully) be my problem.
>>>
>>> Wayne
>>> n4eyz

>>>
>>>
>>>> On Fri, Jun 13, 2014 at 8:20 AM, bruce.clements@... [ic706] <ic706@yahoogroups.com>
wrote:
>>>>
>>>> Look at the internal fuse. I don't have my drawings handy but I think the fuse is on
the high current rail.
>>>>
>>>> Bruce
>>>> Ve3bv
>>>>
>>>> Sent from my iPhone
>>>>
>>>>> On Jun 13, 2014, at 8:12 AM, "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com>
wrote:
>>>>>
>>>>>
>>>>> If rf out is the only symptom, I'd look for operator error as its rare that both
antenna jack systems fail at the same time.
>>>>>
>>>>> 73
>>>>> Mike R
>>>>>
>>>>> There's more behind this picture than the wall.
>>>>> -Doyle Lawson
>>>>>
>>>>>> On Jun 12, 2014, at 10:59 PM, "steve schumm wb2oee@... [ic706]"
<ic706@yahoogroups.com> wrote:
>>>>>>
>>>>>>
>>>>>> hi wayne- I just had no power out on mk11g, I forgot the nite before I was trying
qrp on the low setting. I hope your problem is just as easy solved..73-steve--wb2oee
>>>>>>
>>>>>>
>>>>>> On Thursday, June 12, 2014 10:25 PM, "Wayne Bowyer wayne.bowyer@... [ic706]"
<ic706@yahoogroups.com> wrote:
>>>>>>
>>>>>>
>>>>>>
>>>>>> Today my 706MKIIG showed no rf out on any band--HF thru VHF/HUF. It's a mobile
install and was working fine just the day before. I was able to key a nearby 2m machine and
got a weak signal report making me think I just had driver output (no relative output on
rig's meter) I've not had the chance today to pull it out and look further, so this is a
pretty much general inquiry as to a good starting point. Hopefully since the problem is on
all bands that might narrow the search. Any input would be most appreciated. The rig is an
early serial # G and is about 13-14 yrs old.
>>>>>>
>>>>>> 73's
>>>>>> Wayne
>>>>>> n4eyz

>
>

# 21119. Re: Looking for Control Head for 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-18 16:00:06 UTC
From: radiogawd@...
Topic: 21094  Message: 21119

I have a 706 control head. Not sure of the backwards compatability.

73
Keith - W5KB

# 21120. FS: IC 706 Control Head

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-18 16:16:02 UTC
From: radiogawd@...
Topic: 21120  Message: 21120

I have a very good condition IC 706 Control Head for sale. Worked when pulled. RF Deck had blown trace and sold for parts. I will take $250 shipped. Paypal only Contact me for paypal info.

73 Keith W5KB

# 21121. ICOM 706 and PSK-31

Yahoo group: ic706 (2010 — 2015)
Date: 2014-06-21 01:29:48 UTC
From: dcannonfire@...
Topic: 21121  Message: 21121

Hi all,

First off, if this question has already been asked and answered, then my apologies. I've searched this group and missed the post if it's been discussed.

I want to run a digital sound card circuit with my Gen 1 ICOM 706 for PSK-31 operations. I'm primarily a MAC guy (writing this on my iMac in the shack next to my rig while my iPad decodes PSK-31 on 20M). Eventually I'd like to try automated operations using MacLogger DX, however my immediate interest is PSK-31.

Anyone here set up to run PSK-31 with a Mac now and have some practical experience / advice they'd like to share?

What interface are you using and why do you like it?

Which software set are you using and what features made it your choice?

Thanks in advance
!

Dana
KE0AOS

KE0AOS@gmail.com

# 21122. PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-11 19:25:33 UTC
From: cass44@...
Topic: 21122  Message: 21122

Looking for a PA board for a MKIIG...
thx and 73

Alan, W7EJT
cass44 at outlook d o t Com

# 21123. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 01:29:47 UTC
From: Matthew Poertner
Topic: 21122  Message: 21123

Forgive my ignorance but I've been wondering - What is a PA board?

On Fri, Jul 11, 2014 at 12:25 PM, cass44@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Looking for a PA board for a MKIIG...
> thx and 73
>
> Alan, W7EJT
> cass44 at outlook d o t Com
>
>

# 21124. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 05:20:52 UTC
From: mikerodgerske5gbc@...
Topic: 21122  Message: 21124

Power Amplifier. In this case similar to gold dust if the Motorola version.

When icom had them, they were pricey indeed.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Jul 11, 2014, at 8:29 PM, "Matthew Poertner mpoertner@... [ic706]"
<ic706@yahoogroups.com> wrote:

> Forgive my ignorance but I've been wondering - What is a PA board?
>
>
> On Fri, Jul 11, 2014 at 12:25 PM, cass44@... [ic706] <ic706@yahoogroups.com> wrote:
>>
>> Looking for a PA board for a MKIIG...
>> thx and 73
>>
>> Alan, W7EJT
>> cass44 at outlook d o t Com
>>
>
>

# 21125. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 12:21:27 UTC
From: Wayne Bowyer
Topic: 21122  Message: 21125

Power amplifier board. It generates the RF power.
On Jul 12, 2014 12:02 AM, "Matthew Poertner mpoertner@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Forgive my ignorance but I've been wondering - What is a PA board?
>
>
> On Fri, Jul 11, 2014 at 12:25 PM, cass44@... [ic706] <
> ic706@yahoogroups.com> wrote:
>
>>
>>
>> Looking for a PA board for a MKIIG...
>> thx and 73
>>
>> Alan, W7EJT
>> cass44 at outlook d o t Com
>>
>
>
>

# 21126. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 20:38:38 UTC
From: AG0N-3055
Topic: 21122  Message: 21126

> Power amplifier board. It generates the RF power.

No, it AMPLIFIES. You certainly don't want it to generate.

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 21127. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 21:28:40 UTC
From: Wayne Bowyer
Topic: 21122  Message: 21127

Yeah, amplifies is correct. Poor choice of words on my part. I guess I need to have my English and literature teaching daughter school her old man. :)

On the same note--I just pulled my 14 yr old 706G out of my truck and it will go back to my operating desk. I realize the PA devices are "unobtanium" so I want to be as easy as I can on this older rig. No more bouncing around and extreme temps.

73
Wayne
n4eyz

On Sat, Jul 12, 2014 at 4:38 PM, AG0N-3055 mcduffie@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
>
> > Power amplifier board. It generates the RF power.
>
> No, it AMPLIFIES. You certainly don't want it to generate.
>
> Gary
> --
> Web: http://ag0n.net
> NodeOp Page: http://ag0n.net/irlp
> Node 3055: http://ag0n.net/irlp/3055
>
>
>

# 21128. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 21:35:37 UTC
From: AG0N-3055
Topic: 21122  Message: 21128

> Yeah, amplifies is correct. Poor choice of words on my part. I guess I need
> to have my English and literature teaching daughter school her old man. :)

I wasn't trying to hassle you. I just didn't want someone like the OP to get poor information and repeat it to someone else, etc. Not knowing what a PA is, indicates to me he's a newbie and was going to take the response as a bit of a definition. :o)

Gary
--
Web: http://ag0n.net
NodeOp Page: http://ag0n.net/irlp
Node 3055: http://ag0n.net/irlp/3055

# 21129. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-12 23:34:06 UTC
From: Wayne Bowyer
Topic: 21122  Message: 21129

Not a problem. Didn't think for a moment that you were. But you're
right----easy for us old farts (me) to confuse a new fella.
On Jul 12, 2014 5:36 PM, "AG0N-3055 mcduffie@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
>
> > Yeah, amplifies is correct. Poor choice of words on my part. I guess I
> need
> > to have my English and literature teaching daughter school her old man.
> :)
>
> I wasn't trying to hassle you. I just didn't want someone like the OP to
> get
> poor information and repeat it to someone else, etc. Not knowing what a PA
> is,
> indicates to me he's a newbie and was going to take the response as a bit
> of a
> definition. :o)
>
> Gary
> --
> Web: http://ag0n.net
> NodeOp Page: http://ag0n.net/irlp
> Node 3055: http://ag0n.net/irlp/3055
>
>
>

# 21130. Re: [ic706] PA Board?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-13 04:28:22 UTC
From: Matthew Poertner
Topic: 21122  Message: 21130

Thanks all for answering my question. I didn't mean to hijack the OP's thread though. Anyone got a line on a board for him. I remember reading they were scarce and expensive.

On Sat, Jul 12, 2014 at 4:34 PM, Wayne Bowyer wayne.bowyer@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> Not a problem. Didn't think for a moment that you were. But you're
> right----easy for us old farts (me) to confuse a new fella.
> On Jul 12, 2014 5:36 PM, "AG0N-3055 mcduffie@... [ic706]" <
> ic706@yahoogroups.com> wrote:
>

>>
>>
>>
>> > Yeah, amplifies is correct. Poor choice of words on my part. I guess I
>> need
>> > to have my English and literature teaching daughter school her old man.
>> :)
>>
>> I wasn't trying to hassle you. I just didn't want someone like the OP to
>> get
>> poor information and repeat it to someone else, etc. Not knowing what a
>> PA is,
>> indicates to me he's a newbie and was going to take the response as a bit
>> of a
>> definition. :o)
>>
>> Gary
>> --
>> Web: http://ag0n.net
>> NodeOp Page: http://ag0n.net/irlp
>> Node 3055: http://ag0n.net/irlp/3055
>>
>>
>

# 21131. Re: [ic706] PA Board? - REVISED

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-17 23:32:13 UTC
From: cass44@...
Topic: 21122  Message: 21131

Well, I just got the 706 back from the service guy - he says I need a MAIN board, not a PA board. The MAIN board is the one that has the filters (or filter slots) on it. So, I'm hi-jacking my own thread - now looking for a MAIN board for a 706MKIIG!!

thanks and 73

Alan, W7EJT

# 21132. Re: [ic706] PA Board? - REVISED

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-19 21:28:55 UTC
From: mikerodgerske5gbc@...
Topic: 21122  Message: 21132

Wow, that's bad news.
You may now have a parts radio!
Bummer.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Jul 17, 2014, at 6:32 PM, "cass44@... [ic706]" <ic706@yahoogroups.com> wrote:

> Well, I just got the 706 back from the service guy - he says I need a MAIN board, not a PA board. The MAIN board is the one that has the filters (or filter slots) on it. So, I'm hi-jacking my own thread - now looking for a MAIN board for a 706MKIIG!!
>
> thanks and 73
>
> Alan, W7EJT
>
>

# 21133. Re: [ic706] PA Board? - REVISED

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-20 01:09:33 UTC
From: Matthew Poertner
Topic: 21122  Message: 21133

There are system boards on ebay right now but they are a couple hundred $. Yikes.

# 21134. Re: [Bulk] Re: [ic706] PA Board? - REVISED

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-20 13:10:50 UTC
From: Alan Beagley
Topic: 21122  Message: 21134

On 07/19/14 09:09 pm, Matthew Poertner mpoertner@... [ic706] wrote:
> There are system boards on ebay right now but they are a couple
> hundred $. Yikes.

And how much do you think Icom would charge if they still had any?

73

Alan NV8A

# 21135. how to optimize settings for CW and 6m not working.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-21 20:45:50 UTC
From: Lizooki@...
Topic: 21135  Message: 21135

HI all ..... two things.
1- I want to get the best performance possible out of my 706MII on CW. Any thing I can do to optimize it? Other than adding more filters ( have the narrow already).

2-I got nothing on 6m. No xmit and as far as I can tell no rx. Antenna is hooked up to the HF/6m connector, but I got nothing on 6m. Fine everywhere else 2m, HF but no 6m.

Any ideas on that?

Thanks,

Matt

# 21136. Re: [ic706] how to optimize settings for CW and 6m not working.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-22 12:02:07 UTC
From: mikerodgerske5gbc@...
Topic: 21135  Message: 21136

On 6, make sure it's not split out of band.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Jul 21, 2014, at 3:45 PM, "Lizooki@... [ic706]" <ic706@yahoogroups.com> wrote:

> HI all ..... two things.
> 1- I want to get the best performance possible out of my 706MII on CW. Any thing I can do to optimize it? Other than adding more filters ( have the narrow already).
>
> 2-I got nothing on 6m. No xmit and as far as I can tell no rx. Antenna is hooked up to the HF/6m connector, but I got nothing on 6m. Fine everywhere else 2m, HF but no 6m.
>
> Any ideas on that?
>
> Thanks,
>
> Matt
>
>
>
>
>

# 21137. Re: screw for the opc-581 remote cable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-25 20:36:12 UTC
From: w4ain@...
Topic: 16081  Message: 21137

2mm x 6mm machine screw.

# 21138. Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-30 17:33:49 UTC
From: Premananda Raj
Topic: 21138  Message: 21138

Sent from Yahoo Mail on Android

# 21139. Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-30 23:01:25 UTC
From: skyjeepaviation@...
Topic: 21138  Message: 21139

The 706 will power up "on" if it thinks that was the state when power was removed. I have a mk2g that wouldnt reliably power on so I soldered across the power relay contacts. That means the display will work at all times although the power switch still needs to operate to make the radio wake up.

you can diagnose from there, but first check would be to clean the front panel to radio connections and try with the panel attached to radio directly

Ralph ZL2TV

# 21140. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-31 03:53:20 UTC
From: Geoff Williams
Topic: 21138  Message: 21140

I'd have a look a clicking relay posts on this Group. A friend of mine just fixed a similar fault.

You could have well blown the pcb track as described that runs under the rubber pads which are glued to the Main Board. The glue used on earlier versions was reacting with the pcb and set up corrosion.

If you have a look at the circuit you would be able to check if the microprocessor is switching on the relay.

73s
Geoff
VK3ZGW

Sent from my iPad.

> On 31 Jul 2014, at 9:01 am, "skyjeepaviation@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> The 706 will power up "on" if it thinks that was the state when power was removed. I have a mk2g that wouldnt reliably power on so I soldered across the power relay contacts. That means the display will work at all times although the power switch still needs to operate to make the radio wake up.
>
> you can diagnose from there, but first check would be to clean the front panel to radio connections and try with the panel attached to radio directly
>
> Ralph ZL2TV
>
>
>

# 21141. Re: Error tp power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-31 04:00:52 UTC
From: Premananda Raj
Topic: 21141  Message: 21141

Sent from Yahoo Mail on Android

# 21142. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-31 10:51:36 UTC
From: Premanand Raj
Topic: 21138  Message: 21142

Hi

Is there any way to reload the software. Will it ne am error from software used in the radio?

Rds
Prem
On 31 Jul 2014 04:31, "skyjeepaviation@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:

>
>
> The 706 will power up "on" if it thinks that was the state when power was
> removed. I have a mk2g that wouldnt reliably power on so I soldered across
> the power relay contacts. That means the display will work at all times
> although the power switch still needs to operate to make the radio wake up.
>
> you can diagnose from there, but first check would be to clean the front
> panel to radio connections and try with the panel attached to radio directly
>
> Ralph ZL2TV
>
>

# 21143. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-07-31 20:23:06 UTC
From: hanzinzl
Topic: 21138  Message: 21143

Hi,

There is a voltage regulator in the head end that nay be crook as well.

Cheers,
Simon
ZL1SWW.

Sent from Samsung tablet

-------- Original message --------
From: "Premanand Raj premanpulikkal@gmail.com [ic706]" <ic706@yahoogroups.com>
Date:31/07/2014 10:51 PM (GMT+12:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: Error to rig power on

Hi

Is there any way to reload the software. Will it ne am error from software used in the radio?

Rds
Prem

On 31 Jul 2014 04:31, "skyjeepaviation@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:

The 706 will power up "on" if it thinks that was the state when power was removed. I have a mk2g that wouldnt reliably power on so I soldered across the power relay contacts. That means the display will work at all times although the power switch still needs to operate to make the radio wake up.

you can diagnose from there, but first check would be to clean the front panel to radio connections and try with the panel attached to radio directly

Ralph ZL2TV

# 21144. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-01 03:59:54 UTC
From: Premanand Raj
Topic: 21138  Message: 21144

Hi
The radio was working even after starting this trouble. Before I will open for a harware check, let us have a try if anyone come with some sorr of software bug fix.

Rds

Prem
On 1 Aug 2014 00:32, "Geoff Williams geoff_williams@... [ic706]" <ic706@yahoogroups.com> wrote:

> 
> 
> I'd have a look a clicking relay posts on this Group. A friend of mine
> just fixed a similar fault.
> 
> You could have well blown the pcb track as described that runs under the
> rubber pads which are glued to the Main Board. The glue used on earlier
> versions was reacting with the pcb and set up corrosion.
> 
> If you have a look at the circuit you would be able to check if the
> microprocessor is switching on the relay.
> 
> 73s
> Geoff
> VK3ZGW
> 
> Sent from my iPad.
> 
> On 31 Jul 2014, at 9:01 am, "skyjeepaviation@gmail.com [ic706]" <
> ic706@yahoogroups.com> wrote:
> 
> The 706 will power up "on" if it thinks that was the state when power was
> removed. I have a mk2g that wouldnt reliably power on so I soldered across
> the power relay contacts. That means the display will work at all times
> although the power switch still needs to operate to make the radio wake up.
> 
> you can diagnose from there, but first check would be to clean the front
> panel to radio connections and try with the panel attached to radio directly
> 
> Ralph ZL2TV
> 
> 
> 

# 21145. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-01 21:19:26 UTC
From: skyjeepaviation@...
Topic: 21138  Message: 21145

there is no update for software - just firmware, you have to replace the processor chip. The only thing you can do is a reset which clears all the settings and memory back to factory. No backup battery to replace either.

clean the control head contacts. If its a 706 mk2g, you are likely to do better by parting it out.

# 21146. Retaining Clip for MKII Head

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-02 02:34:22 UTC
From: n3lka@...
Topic: 21146  Message: 21146

I recently had either a stupid or dishonest buyer from ebay return a 706MKII back to me, claiming it wasn't as described. Anyway, he shipped it back with the retaining clip missing from the head. I ordered the parts to repair it myself, but is there supposed to be a small nipple coming up from the area where the spring contacts against the head? If there's supposed to be one, he obviously busted that off as well. I swear the guy bought the radio and then swapped heads on me.

Also the AF gain pot was bent, so I have to replace that as well. Ebay of course sided with this idiot.

# 21147. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-02 09:53:43 UTC
From: Premanand Raj
Topic: 21138  Message: 21147

Hi OM
Thanks for the advse. How we can refresh or reload the firmware?

Rds

Prem
On 2 Aug 2014 02:49, "skyjeepaviation@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> there is no update for software - just firmware, you have to replace the
> processor chip. The only thing you can do is a reset which clears all the
> settings and memory back to factory. No backup battery to replace either.
>
> clean the control head contacts. If its a 706 mk2g, you are likely to do
> better by parting it out.
>
>

# 21148. Help with low talk power on SSB?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 05:35:59 UTC
From: Matthew Poertner
Topic: 21148  Message: 21148

Hello, pretty new to ham radio and very new to the IC-706MKIIG. This radio was given to me by my old boss. It was his dads radio. I know nothing else about its history.

I've made some contacts a few months ago. I'm in California and the furthest contact I've made was Kentucky. I haven't touched it for a few months just been too busy with work. Then my brother in Arizona got his ham ticket.

Trying to keep it short - My brother can not hear me on SSB. CW he can. I noticed then on the SWR meter that SSB the needle goes to about 20 watts while on CW it's a full 100. checked the mic gain doesnt matter. Between 6-10 same results. Then I moved my mic from the front jack to the back and when Ikey up I get all sorts of static, not even saying anything. Weird. Any ideas?? I'd really love to be able to talk to my brother on the air.

Much appreciated!
W6MCP
Matt

# 21149. Re: [ic706] Help with low talk power on SSB?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 10:14:36 UTC
From: Joe
Topic: 21148  Message: 21149

My first thought would be a bad mike connector, cable or mike itself. Moving the mike to the back of the radio would put strain on the mike cable where it goes into the connector. This would be a good place to start before you start looking at the internals of the radio.

73, Joe, K1ike

On 8/3/2014 1:35 AM, Matthew Poertner mpoertner@... [ic706] wrote:
> .....I noticed then on the SWR meter that SSB the needle goes to about
> 20 watts while on CW it's a full 100. checked the mic gain doesnt
> matter. Between 6-10 same results. Then I moved my mic from the front
> jack to the back and when Ikey up I get all sorts of static, not even
> saying anything.

# 21150. Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 12:58:03 UTC
From: n4dou@...
Topic: 21138  Message: 21150

I had the same problem. I found that the power cable and rig connector pins had become dirty and I cleaned them with a Q Tip and rubbing alcohol. Also, I found that the male pins in the connector (on the 706) and the female pins in the connector ( in the power cable) were not making good physical contact, so I used a small screwdriver to spread the male contacts and to narrow the female contacts. I was very happy when the rig powered up.

I hope this helps.

John
N4DOU

# 21151. Another Power Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 13:34:19 UTC
From: Joe
Topic: 21138  Message: 21151

I'm getting ready to help a friend use his 706MKIIG for a remote base application and discovered a problem. I can turn the radio on, then turn the radio off, but after that I cannot get the radio to turn back on again. Disconnecting and reconnecting the radio from the power source allows it to be turned back on and off again, but then it will not turn on again.

I tried searching the email archive, but YahooGroups is driving me crazy with their "new and improved" format. Searching is a nightmare.

Thanks, 73, Joe, K1ike

# 21152. Re: [ic706] Re: Error to rig power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 13:27:09 UTC
From: Premananda Raj
Topic: 21138  Message: 21152

Hi
Thanks for the advise. After a mild rub on the connector contacts, it work dine now. But let me see if the problem comes again . This night I will keep the rig power off ans will see next morning.

Rds
Prem

Sent from Yahoo Mail on Android

# 21153. Re: [ic706] Help with low talk power on SSB?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 08:20:49 UTC
From: Ricky L Graham
Topic: 21148  Message: 21153

There is a gentleman named Scott Malcolm who lives in Washington State. He

does repair work on Icom. My 706 MKIIIG went down and he repaired it.
Very reasonable price and he will likely answer your questions in the event
he doesn't think anything is wrong. Very sharp individual.

On Sun, Aug 3, 2014 at 12:35 AM, Matthew Poertner mpoertner@...
[ic706] <ic706@yahoogroups.com> wrote:

>
>
> Hello, pretty new to ham radio and very new to the IC-706MKIIG. This
> radio was given to me by my old boss. It was his dads radio. I know
> nothing else about its history.
>
> I've made some contacts a few months ago. I'm in California and the
> furthest contact I've made was Kentucky. I haven't touched it for a
> few months just been too busy with work. Then my brother in Arizona
> got his ham ticket.
>
> Trying to keep it short - My brother can not hear me on SSB. CW he
> can. I noticed then on the SWR meter that SSB the needle goes to about
> 20 watts while on CW it's a full 100. checked the mic gain doesnt
> matter. Between 6-10 same results. Then I moved my mic from the front
> jack to the back and when Ikey up I get all sorts of static, not even
> saying anything. Weird. Any ideas?? I'd really love to be able to
> talk to my brother on the air.
>
> Much appreciated!
> W6MCP
> Matt
>
>

--
Rick Graham

Evil prevails when good men do nothing.

# 21154. Re: [ic706] Help with low talk power on SSB?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 09:51:11 UTC
From: Premanand Raj
Topic: 21148  Message: 21154

Hi All

I have also request from my side for your advise to improvw audio or mic gain. I get full powee output.But even if I keep mic gain at 10, mu alc meter read zero. But if I switch on xompressor, alc read within alx zone, keeping my comp level pot at max.
Does this mean my audio gain is less? Cam u advise me to correct it?
In my 746 pro I keep moc gain at half level only.

Please send ur sugessions.

Rds

Prem
A65BK
On 3 Aug 2014 13:16, "Matthew Poertner mpoertner@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Hello, pretty new to ham radio and very new to the IC-706MKIIG. This
> radio was given to me by my old boss. It was his dads radio. I know
> nothing else about its history.
>
> I've made some contacts a few months ago. I'm in California and the
> furthest contact I've made was Kentucky. I haven't touched it for a
> few months just been too busy with work. Then my brother in Arizona
> got his ham ticket.
>
> Trying to keep it short - My brother can not hear me on SSB. CW he
> can. I noticed then on the SWR meter that SSB the needle goes to about
> 20 watts while on CW it's a full 100. checked the mic gain doesnt
> matter. Between 6-10 same results. Then I moved my mic from the front
> jack to the back and when Ikey up I get all sorts of static, not even
> saying anything. Weird. Any ideas?? I'd really love to be able to
> talk to my brother on the air.
>
> Much appreciated!
> W6MCP
> Matt
>
>

# 21155. Re: [ic706] Another Power Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 14:46:35 UTC
From: Premanand Raj
Topic: 21138  Message: 21155

Hi
As a first step, clean the male and female connector between radio base and front panel.
Rds.
Second try: keep the radio on for longer time or warm the radio using hair dryer or sun light.

Rds

Prem

Prem
On 3 Aug 2014 19:04, "Joe k1ike_mail@... [ic706]" <ic706@yahoogroups.com> wrote:

>
>

> I'm getting ready to help a friend use his 706MKIIG for a remote base
> application and discovered a problem. I can turn the radio on, then
> turn the radio off, but after that I cannot get the radio to turn back
> on again. Disconnecting and reconnecting the radio from the power
> source allows it to be turned back on and off again, but then it will
> not turn on again.
>
> I tried searching the email archive, but YahooGroups is driving me crazy
> with their "new and improved" format. Searching is a nightmare.
>
> Thanks, 73, Joe, K1ike
>
>

# 21156. Control head

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 13:44:36 UTC
From: Chris L
Topic: 21156  Message: 21156

I am looking for a mkiig control head. I don't need the mic or cables just looking st the head. Email is w9cll@Comcast.net
73 W9CLL

# 21157. Re: [ic706] Help with low talk power on SSB?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-03 15:25:48 UTC
From: LARRY J. FORD
Topic: 21148  Message: 21157

CW is a "constant carrier" mode, whereas single-side band is not.? You will see full power output when in SSB mode only on carrier "peaks" which are intermittent, rising and falling with the inflections of your voice if you are driving it by speaking into the mic.

Unless you have an external, true active "peak-reading" watt meter (e.g., Ameritron AWM-30) connected between the 706 and the antenna or tuner, you may not see the full power output on the internal power output meter on voice SSB.? You might try making sure the internal meter display is set to "PO" (power out, or power output), and they try a sharp "whistle" into the mic while in SSB mode.? Probably ought to do this into a dummy load and not on the air, unless you are

Most watt meters are only "average reading" wattmeters and will show full power out only in a constant carrier mode such as CW or FM.? AM may, but most rigs limit AM output to 25 percent of rated power.

Also, go into the Quick Set menu and make sure full power out (H) is selected.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: Sun, 03 Aug 2014 03:46:56 AM EDT
From: "Matthew Poertner mpoertner@... [ic706]"
To: ic706@yahoogroups.com
Subject: [ic706] Help with low talk power on SSB?

?

Hello, pretty new to ham radio and very new to the IC-706MKIIG. This radio was given to me by my old boss. It was his dads radio. I know nothing else about its history.

I've made some contacts a few months ago. I'm in California and the furthest contact I've made was Kentucky. I haven't touched it for a few months just been too busy with work. Then my brother in Arizona got his ham ticket.

Trying to keep it short - My brother can not hear me on SSB. CW he can. I noticed then on the SWR meter that SSB the needle goes to about 20 watts while on CW it's a full 100. checked the mic gain doesnt matter. Between 6-10 same results. Then I moved my mic from the front jack to the back and when Ikey up I get all sorts of static, not even saying anything. Weird. Any ideas?? I'd really love to be able to talk to my brother on the air.

Much appreciated!
W6MCP
Matt

# 21158. 706 no numbers or letters needs new display

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-04 17:18:15 UTC
From: wekinne@...
Topic: 21158  Message: 21158

Does any one sell one, icom says there history.

Billy

# 21159. Re: [ic706] 706 no numbers or letters needs new display

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-05 03:12:59 UTC
From: Al Waschka
Topic: 21158  Message: 21159

How bad is your display? I replaced mine due to some black splotches, but it was a cosmetics thing. If that is of interest, I will look to see if I still have it and take a picture.

Al
K5TAN

Sent from my iPad

> On Aug 4, 2014, at 1:18 PM, "wekinne@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> Does any one sell one, icom says there history.
>
>
>
> Billy
>
>

# 21160. Re: [ic706] 706 no numbers or letters needs new display

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-05 01:05:20 UTC
From: Ricky L Graham
Topic: 21158  Message: 21160

http://www.ebay.com/itm/ICOM-CONTROL-HEAD-FOR-IC-706MKII-/221513762276?pt=LH_DefaultDomain_0&hash=item33933fc5e4

On Mon, Aug 4, 2014 at 12:18 PM, wekinne@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> Does any one sell one, icom says there history.
>
>
> Billy
>
>
>

--
Rick Graham

Evil prevails when good men do nothing.

# 21161. Re: [ic706] Another Power Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-05 21:17:35 UTC
From: Joe
Topic: 21138  Message: 21161

I left the radio on all night and now it works just fine. It had been off the air quite some time before I tried to turn it on, maybe moisture from the summer air got into the rig. Oh well, I'll make a note of the problem and move on.

73, Joe, K1ike

On 8/3/2014 9:34 AM, Joe k1ike_mail@... [ic706] wrote:
> I'm getting ready to help a friend use his 706MKIIG for a remote base
> application and discovered a problem. I can turn the radio on, then
> turn the radio off, but after that I cannot get the radio to turn back
> on again. Disconnecting and reconnecting the radio from the power
> source allows it to be turned back on and off again, but then it will
> not turn on again.
>
> I tried searching the email archive, but YahooGroups is driving me crazy
> with their "new and improved" format. Searching is a nightmare.
>
> Thanks, 73, Joe, K1ike
>
>
> ------------------------------------
> Posted by: Joe <k1ike_mail@...>
> ------------------------------------
>

# 21162. tuner switch indicator

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-16 18:50:50 UTC
From: wedlake@...
Topic: 21162  Message: 21162

This is normally orange, blinks red then stays red when tuned. Is it/should it ever be green?
Thanks, 73 de KD4MZL

# 21163. Re: [ic706] tuner switch indicator

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-17 15:46:27 UTC
From: LARRY J. FORD
Topic: 21162  Message: 21163

Which model 706 are you inquiring about?

I have an "original" 706 (no MK) and an IC-706MKII, and neither one has an "orange" light for the TUNER indicator light.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: Sun, 17 Aug 2014 04:15:05 AM EDT
From: "wedlake@... [ic706]"
To: ic706@yahoogroups.com
Subject: [ic706] tuner switch indicator

This is normally orange, blinks red then stays red when tuned. Is it/should it ever be green?

Thanks, 73 de KD4MZL

# 21164. Re: [ic706] tuner switch indicator

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-19 15:12:44 UTC
From: ki4wcq52@...
Topic: 21162  Message: 21164

The MKII-G tuner button is orange anytime an automatic tuner is not in use. It will blink red while an outboard auto tuner looks for a match and shows solid red when the auto tuner is satisfied. Solid red indicates outboard auto tuner is activated. AFIK, the tuner call button only has a red light, unlike the preamp/attenuate button that has both red and green since it offers two functions.

73
Johnny KI4WCQ

# 21165. MDSR (Modulation Demodulation Software Radio) is testing JT-65

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-20 22:06:19 UTC
From: alexschwarz237@...
Topic: 21165  Message: 21165

Hi Everybody;

We are currently testing the JT-65 mode on 30m (10.138Mhz), 20m (14.076MHz), 17 (18.102MHz) and 15m (21.076MHz). The frequency band chosen depends on the time of day and when band openings occur.
Frequencies will be announced in the Yahoo user group.
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

If you have JT-65 capability, please help us to make as many contacts as possible. The call sign that is being used is VE7DXW. If you do not have JT-65 available but would like to have it, please send us a message and we can help to get you set up with software and audio connections to your radio.
JT-65 is a great mode to get contacts worldwide with QRP operation. A standard wire dipole or a GV5RV antenna is more than enough to cover the planet.

The log-book will be also displayed on the MDSR home page of the MDSR Demodulator-Modulator Software Radio:
http://users.skynet.be/myspace/mdsr/ http://users.skynet.be/myspace/mdsr/

The MDSR station will operate with the VE7DXW call sign and is operated out of Vancouver, Canada. The output power is 20W and all contacts will be logged on QRZ.com. On JT-65 worldwide contacts are possible any time a band opens up. In the last few days we made QSOs into USA, Canada, Ukraine, Netherlands, Poland, Kazakhstan, Argentina, Brazil and many more.

Thanks for your help and see you on the bands! 73 and good DX...

The MDSR Team
Alex Schwarz
VE7DXW

# 21166. Help with tone settings?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-26 15:38:01 UTC
From: wa7dxz@...
Topic: 21166  Message: 21166

I have a 706 Mk II G, great radio, I use it mostly as a back up, and recently decided to store some 2M repeater freq's in it.
I cannot figure out how to store the tones. I have the repeater freq in, it is in FM mode, I go to Q6, and choose a tone, 162.5,,, and now what? I can't figure out how to "save it".
I also do not see the FM-T sign on the display.
I have read the manual, it is so confusing. Can someone take me through this step by step?

Why dont I see the FM-T display, and once I get to the tone I want,,, how do I "save it" to the radio?

Bob
wa7dxz
Sun City AZ

# 21167. Re: [ic706] Help with tone settings?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-26 18:19:46 UTC
From: steve schumm
Topic: 21166  Message: 21167

Hi Bob- You have the freq. set up. Go to M4, set the ton button to read t or t-sql, your preference to its use. Then go to Q6, set your tone freq. Go back to M2, press the MW button, it will beep putting in the tone.. Good luck and keep us posted. 73-Steve PS- If you are on a repeater freq. in memory and turn the main tuning dial it will move the freq you have stored and turn off the PL and offset. To stop this from happening use the lock button. To restore the offset and tone, etc. Just push the M/V button twice and your back...

On Tuesday, August 26, 2014 11:38 AM, "wa7dxz@... [ic706]" <ic706@yahoogroups.com> wrote:

I have a 706 Mk II  G, great radio, I use it mostly as a back up, and
recently decided to store some 2M repeater freq's in it.
I cannot figure out how to store the tones.  I have the repeater freq
in, it is in FM mode, I go to Q6, and choose a tone, 162.5,,, and now what? I
can't figure out how to "save it".
I also do not see the  FM-T sign on the display.
I have read the manual, it is so confusing. Can someone take me through
this step by step?

Why dont I see the FM-T display, and once I get to the tone I want,,, how
do I "save it" to the radio?

Bob
wa7dxz
Sun City AZ

# 21168. 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-27 10:59:19 UTC
From: Todd Lee
Topic: 21168  Message: 21168

I've had great performance operating mobile with my 706Mk2G for 3 years on VHF and HF. Last night I lost receive and transmit on 2m. I took the rig out and did some checking with a dummy load and another antenna.

I have very low output on 2m in all modes. I can hear the rig with handheld close by. Transmit audio seems clear into the handheld.
I have very poor receive on 2m. I can't hear local repeaters. I can hear my handheld when close.

All other bands have full output - UHF and HF. Receive is also fine on other bands. The issue seems limited to the 2m band.
Did the CPU reset and nothing changed.

I would like to try and fix or have repaired. Any advice appreciated.

# 21169. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-27 13:04:33 UTC
From: Mark Brueggemann
Topic: 21168  Message: 21169

From: "'Todd Lee' jtlee@... [ic706]" <ic706@yahoogroups.com>

> I have very low output on 2m in all modes.

...
> I have very poor receive on 2m.

Sounds like it could be a simple thing like a bad solder/broken connection between the PCB and antenna jack.  This can happen over time.  That'd be the first thing I'd check.

Mark K5LXP
Albuquerque, NM

# 21170. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-27 14:14:07 UTC
From: LARRY J. FORD
Topic: 21168  Message: 21170

If you need to send it out for repair, I highly recommend Matt Adrian, at SAR Technical Services, an ICOM Authorized Service Center in Michigan.

I've had great results, service, and pricing from Matt on two different 706s (and a 7200 and an AH-4 ...) which I sent to him.

E-mail: sarts@...

Check his ratings on e-Ham.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 27 Aug 2014 08:58:28 AM EDT
From: "'Todd Lee' jtlee@bwmw.com [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] 2m Transmit and Receive Problem

> I’ve had great performance operating mobile with my 706Mk2G for 3 years on VHF and HF. Last night I lost receive and transmit on 2m. I took the rig out and did some checking with a dummy load and another antenna.
>
>
> I have very low output on 2m in all modes. I can hear the rig with handheld close by. Transmit audio seems clear into the handheld.
> I have very poor receive on 2m. I can’t hear local repeaters. I can hear my handheld when close.
>
>
> All other bands have full output - UHF and HF. Receive is also fine on other bands. The issue seems limited to the 2m band.
> Did the CPU reset and nothing changed.
>
>
> I would like to try and fix or have repaired. Any advice appreciated.
>

# 21171. Update on MKII with no 6m rx/tx

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-27 20:10:15 UTC
From: Lizooki@...
Topic: 21171  Message: 21171

A few weeks ago I asked about a problem with my MKII not doing anything on 6m ..... I finally ( and accidentally ) figured it out.
Apparently, a top quality hf low pass filter ( new TV's, not matter how expensive , are CHEEP!) used to stop tvi and keep the family happy will also stop 50.000mhz.

I had my MKII hooked up to a different tuner a couple of days ago, bypassing the filter and ... VIOLA! I have 6m!

Laughing at myself.

Matt

# 21172. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-27 23:09:44 UTC
From: mikerodgerske5gbc@...
Topic: 21168  Message: 21172

I thought about that also but he said UHF works fine. Could be a solder joint further in though.
I wonder about a 2m filter if their is one.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Aug 27, 2014, at 8:04 AM, "Mark Brueggemann qrq_cw@... [ic706]" <ic706@yahoogroups.com> wrote:

>
> From: "'Todd Lee' jtlee@... [ic706]" <ic706@yahoogroups.com>
>
> > I have very low output on 2m in all modes.
>
> ...
> > I have very poor receive on 2m.
>
> Sounds like it could be a simple thing like a bad solder/broken connection between the PCB and antenna jack. This can happen over time. That'd be the first thing I'd check.
>
> Mark K5LXP
> Albuquerque, NM
>

# 21173. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-28 21:46:17 UTC
From: skyjeepaviation@...
Topic: 21168  Message: 21173

the model is prone to burning out the pin diode in the VHF section

if you want to trace this yourself it can be done (carefully) using a small lamp such as 'grain of wheat' type touch onto the points of interest

# 21174. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-28 21:56:36 UTC
From: Todd Lee
Topic: 21168  Message: 21174

Thanks for the input. I contacted Matt and am going to send to him. He also suggested the diode issue.

Sent from my iPhone

# 21175. Re: [ic706] 2m Transmit and Receive Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-29 07:50:02 UTC
From: mikerodgerske5gbc@...
Topic: 21168  Message: 21175

From what I've heard, if I had to send one out, I'd send it to Matt at SARS in Michigan as well.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Aug 28, 2014, at 4:56 PM, "Todd Lee jtlee@... [ic706]" <ic706@yahoogroups.com> wrote:

> Thanks for the input. I contacted Matt and am going to send to him. He also suggested the diode issue.
>
> Sent from my iPhone
>

# 21176. (no subject)

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-29 07:16:53 UTC
From: Hong Michael
Topic: 21176  Message: 21176

Anyone have a spare hm-103 and or control head bracket mb 63?

Finally found a control head, so instead of selling the 706mk2g, I'm replacing the bits that were stolen.

# 21177. hm 103 and mb 63

Yahoo group: ic706 (2010 — 2015)
Date: 2014-08-29 07:17:58 UTC
From: Hong Michael
Topic: 21177  Message: 21177

Anyone have a spare hm 103 mic or mb 63 bracket?

# 21178. Looking for a MB63.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-12 03:31:38 UTC
From: wmgoins@...
Topic: 21178  Message: 21178

I have the cable and just need the mount. Thanks.

mike, k5wmg

# 21179. MDSR releases the paper published in the TAPR 2014 annual magazine

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-22 17:23:18 UTC
From: alexschwarz237@...
Topic: 21179  Message: 21179

Hi Everybody;

This year as well as the 4 years previous the MDSR Team has published the continued development of the MDSR software and the RX/TX Bi-LIF hardware that can adapt to almost any symmetric HF transceiver (FT-817, FT-857, FT-897, FT-950, IC-703, IC-906 IC-7000, IC7200, IC-756, TS-2000) With a simple down-converter PCB (LIF2014 – RX only) and your computer soundcard or on board sound device all the listed transceivers and many others can be turned into IF-SDRs. This also allows the use of 3rd. party software like fldigi, JT-65-HF and many more; as explained in the publication and in the manual.
The MDSR development also provides an additional up-converter PCB that can turn the listed transceivers into full RX-TX IF-SDRs where all the modulation and demodulation are performed in the computer. For the TX version please contact alexschwarz@telus.net mailto:alexschwarz@telus.net directly.
To order the RX kit: http://users.skynet.be/myspace/mdsr/order.htm
http://users.skynet.be/myspace/mdsr/order.htm

This years document deals with the continued development of the MDSR software V2.8 and the use of USB port external sound devices. The external sound cards are also used to build a portable and mobile MDSR SDR system.
Download the PDF document:
http://www3.telus.net/public/bc237/MDSR/TAPR2014.pdf
http://www3.telus.net/public/bc237/MDSR/TAPR2014.pdf

For more information and to download the MDSR V2.8 software, go to:
http://users.skynet.be/myspace/mdsr

…or our Yahoo MDSR user group:
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

The MDSR and the BiLIF development will give your existing radio a performance boost and extend the capabilities of the transceiver into the digital modes!
The MDSR download also includes easy to follow manuals in PDF format which are also available separately on the group or website.

Thank you and 73

The MDSR Team

# 21180. Data mode failure

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-25 17:21:04 UTC
From: <premanpulikkal@...>
Topic: 21180  Message: 21180

Hi All,

I was using data mode (psk) thru HRD in my radio. I was using both ACC1 as well as data jack for this and both was functioning well. I use my home made civ as well as sound card interface.

But now in both cases, my data transmit not coming. I am able to receive and decode psk signal. When transmit in DM780, sending sound comes thru speakers. Radio switch to TX mode. But no signal goes out and power meter read zero. I have selected data mode.

Please advise me how to rectify this issue. I use core i3 laptop running win 8.1.

rds

Prem

A65BK

Sent from Windows Mail

# 21181. Re: Data mode failure

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-26 08:57:21 UTC
From: gw0div@...
Topic: 21180  Message: 21181

If you can hear the PSK through the PC speakers then the soundcard default has been changed, Windows likes to do this every now and then!!??

Rhys

GW0DIV

# 21182. Re: [ic706] Data mode failure

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-26 14:01:46 UTC
From: LARRY J. FORD
Topic: 21180  Message: 21182

Check the following in HRD/DM-780:

1. What "sound card" is selected for HRD/DM-780 to use;

2. What you have selected in "PTT" in the DM-780 options menu to key the rig.

Also, swap-out your "home made" CI-V interface cable and sound card interface with known good devices to eliminate those two as a problem; do one at a time, so you will know what is the problem.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 25 Sep 2014 11:42:25 PM EDT
From: "premanpulikkal@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Data mode failure

> Hi All,
>
>
> I was using data mode (psk) thru HRD in my radio. I was using both ACC1 as well as data jack for this and both was functioning well. I use my home made civ as well as sound card interface.
>
>
> But now in both cases, my data transmit not coming. I am able to receive and decode psk signal. When transmit in DM780, sending sound comes thru speakers. Radio switch to TX mode. But no signal goes out and power meter read zero. I have selected data mode.
>
>
> Please advise me how to rectify this issue. I use core i3 laptop running win 8.1.
>
>
> rds
>
>
> Prem
>
> A65BK
>
>

>
>
>
>
> Sent from Windows Mail

# 21183. ON/OFF problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-26 14:07:34 UTC
From: Joe
Topic: 21180  Message: 21183

I have my friends 706MKII here and I'm getting ready to set it up as a remote base. I'm having a problem turning the radio on after it has been in an ON/OFF sequence. When I connect the radio to power I am able to turn the radio on and off. Then when I go to turn it on again it will not turn on. I have to remove the power cord and reinstall it, then the same thing happens again.

Has anyone see this problem before? I also noticed that the back of the radio is warm after it has sat with the power cable connected but has been turned off overnight.

73, Joe, K1ike

# 21184. Re: [ic706] Re: Data mode failure

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-26 10:07:33 UTC
From: <premanpulikkal@...>
Topic: 21180  Message: 21184

Hi Rhys,

Thanks for response.

after spending some time on trouble shooting, I am now able to get data working thru ACC1 jack. The expected problem was some loose connection between signal from pc to radio. Now I checked the psk signal from pc audio out pass thru my interface and reach till the tip of data pin . but when I insert the data pin to radio and try transmit from DM780, psk signal not transmitting. any possible damage to the circuitry inside radio? else any setting in radio went wrong? please advise.

Rds

Prem

Sent from Windows Mail

From: ic706@yahoogroups.com
Sent: ☐Friday☐, ☐26☐ ☐September☐ ☐2014 ☐12☐:☐57
To: ic706@yahoogroups.com

If you can hear the PSK through the PC speakers then the soundcard default has been changed, Windows likes to do this every now and then!!??

Rhys

GW0DIV

# 21185. Re: [ic706] ON/OFF problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-27 05:47:17 UTC
From: Premanand Raj
Topic: 21180  Message: 21185

Hi

I had a similar issue with my MK II G. First remove the front panel from the radio base and then clean the gold plated make -female connectors using rubber eraser or paper. It was given for me the fault rectified this way. "The radio getting warm even during switch off " will be advised by some of our electronics specialists in the group :)

Gud Luck, 73s

Prem
A65BK.

On Fri, Sep 26, 2014 at 6:07 PM, Joe k1ike_mail@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> I have my friends 706MKII here and I'm getting ready to set it up as a
> remote base. I'm having a problem turning the radio on after it has
> been in an ON/OFF sequence. When I connect the radio to power I am able
> to turn the radio on and off. Then when I go to turn it on again it
> will not turn on. I have to remove the power cord and reinstall it,
> then the same thing happens again.
>
> Has anyone see this problem before? I also noticed that the back of the
> radio is warm after it has sat with the power cable connected but has
> been turned off overnight.
>
> 73, Joe, K1ike
>
>

# 21186. IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-28 17:09:17 UTC
From: Rich Bauer
Topic: 21186  Message: 21186

greetings, new list member here.

I have the IC-706 MKIIg and it has served me well for many years. today while preparing for a camping trip I discovered that it is not keying up the local repeater (WCRA 145.31/- 107.2). troubleshooting with my handheld I determined:

- the 706 IS transmitting a signal on the input frequency
- I have triple checked the tone frequency
- my swr/pwr meter shows SWR less than 1.5:1 and full power out
- the 706 will receive a signal from the repeater
- I can access other area repeaters...just not 145.31
- the repeater is functioning as I can access it with the HH
- I am located maybe 1-air mile from the receiver and can access it from my HH and other mobiles.

I have re-set the CPU...twice...with the same result. this is very bizzare. any suggestions for further troubleshooting or a solution?

'73,
rich, n9dko
I know a guy who's addicted to brake fulid. He says he can stop anytime
---

# 21187. Re: [ic706] IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 03:01:08 UTC
From: Facility 406 DM09
Topic: 21186  Message: 21187

: I have re-set the CPU...twice...with the same result. this is very
bizzare.
: any suggestions for further troubleshooting or a solution?

Is the tone set on the TX side or the RX side?

Kurt

# 21188. Re: [ic706] IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 04:37:47 UTC
From: steve schumm
Topic: 21186  Message: 21188

Hi Rich- I have the same radio you do and no problems on the repeaters that I use. Go to www.radiobanter.com I got quite an explanation for your problem. Also go to www.n1eq.com.His name is Mike, runs a repair shop for ICOM and kenwood only. I had a problem with variable output on six and 440 meters. He found the problem plus some other problems I get it back this wednesday. He get 5-star rating on eham.. Keep us posted 73-Steve

|  |
|  | |  |  |  |  |  |
| Radio forum - RadioBanterA radio forum covering all aspects of radios and broadcasting acting as a web gateway with the finest radio newsgroups |
| |
| View on www.radiobanter.com | Preview by Yahoo |
| |
|  |

On Sunday, September 28, 2014 9:02 PM, "'Rich Bauer' rk911@... [ic706]" <ic706@yahoogroups.com> wrote:

> greetings, new list member here.
>
> I have the IC-706 MKIIg and it has served me well for many years. today while preparing for a camping trip I discovered that it is not keying up the local repeater (WCRA 145.31/- 107.2). troubleshooting with my handheld I determined:
>
> - the 706 IS transmitting a signal on the input frequency
> - I have triple checked the tone frequency
> - my swr/pwr meter shows SWR less than 1.5:1 and full power out
> - the 706 will receive a signal from the repeater
> - I can access other area repeaters...just not 145.31
> - the repeater is functioning as I can access it with the HH
> - I am located maybe 1-air mile from the receiver and can access it from my HH and other mobiles.
>
> I have re-set the CPU...twice...with the same result. this is very bizzare. any suggestions for further troubleshooting or a solution?
>
> '73,
> rich, n9dko
> I know a guy who's addicted to brake fulid. He says he can stop anytime
> ----------

# 21189. Re: [ic706] IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 04:55:37 UTC
From: LARRY J. FORD
Topic: 21186  Message: 21189

Check to see if the memory slot for that repeater got set to "narrow FM." That happened to me and took a while to figure out. That repeater just would not respond to a narrow FM TX.

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 09:02 PM EDT, 09/28/2014
From: "'Rich Bauer' rk911@yahoo.com [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] IC-706 Problem

> greetings, new list member here.
>
>
> I have the IC-706 MKIIg and it has served me well for many years. today
> while preparing for a camping trip I discovered that it is not keying up
the
> local repeater (WCRA 145.31/- 107.2). troubleshooting with my handheld I
> determined:
>
>
> - the 706 IS transmitting a signal on the input frequency
> - I have triple checked the tone frequency
> - my swr/pwr meter shows SWR less than 1.5:1 and full power out
> - the 706 will receive a signal from the repeater
> - I can access other area repeaters...just not 145.31
> - the repeater is functioning as I can access it with the HH
> - I am located maybe 1-air mile from the receiver and can access it from my
> HH and other mobiles.
>
>
> I have re-set the CPU...twice...with the same result. this is very
bizzare.
> any suggestions for further troubleshooting or a solution?
>
>
>
>
> '73,
> rich, n9dko
> I know a guy who's addicted to brake fulid. He says he can stop anytime
> _____
>

>
>
>
>
>
>

# 21190. IC-706 issue with top cover/speaker wire in contact w/ribbon cable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 14:07:39 UTC
From: dhobson123@...
Topic: 21190  Message: 21190

GM,

Just wondering if anyone else on the list has had this issue with an ic-706.

Details: ic-706 had been in perfect in operation for more than 10 years in the truck...recently top cover opened to verify if the UT-86 option module was installed. Noticed after opening top cover that there is a black pad that isolated or pads the top cover from the ribbon cable below it and that it had been so many years since the top cover was off stuck to the lid thus pulling out the ribbon cable from the socket. Easy enough installed the ribbon cable back in proper position in the slot and put top cover back on. Seemed after that the ic-706 didn't want to tx properly to local repeaters, would work sometimes then if you moved the rig or pushed on the top cover it would work then not work....have tried several times and it depends where the speaker wire lays against the top cover and or the ribbon cable below it that it will work or not work properly.....seems to work fine with no cover on or the speaker wire placed out of the way. So not issues when cover is off, none at all but minute you place cover on then starts acting up.

Has anyone else on the list had this issue? And if so how did you resolve it?

Below link to simple picture of the top of the ic-706 and reference of ribbon cable where the speaker wire would run across once the top cover w/speaker is put back in place (picture uploaded to this groups 'Photo' area).

https://groups.yahoo.com/neo/groups/ic706/photos/photostream
https://groups.yahoo.com/neo/groups/ic706/photos/photostream

https://groups.yahoo.com/neo/groups/ic706/photos/photostream/lightbox/756726635?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/756726635 https://groups.yahoo.com/neo/groups/ic706/photos/photostream/lightbox/756726635?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/756726635

Thanks for any reply on list or reply off list to KB9UMT AT ARRL.NET

Don KB9UMT

# 21191. RE: [ic706] ON/OFF problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 13:48:28 UTC
From: Rich Bauer
Topic: 21180  Message: 21191

hi, prem, and thanks for the reply. an interesting update....i left the radio on while I was working in the camper and after about an hour I was able to transmit thru the repeater. the radio has been off all night and I'll see if the same issue comes up again.

'73,
rich, n9dko
My Uncle Frank was a staunch conservative and voted straight Republican until the day he died...in Chicago. Since then he has voted Democrat.

---
Hi

I had a similar issue with my MK II G. First remove the front panel from the radio base and then clean the gold plated make -female connectors using rubber eraser or paper. It was given for me the fault rectified this way. "The radio getting warm even during switch off " will be advised by some of our electronics specialists in the group :)

Gud Luck, 73s

Prem
A65BK.

# 21192. RE: [ic706] IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 13:51:00 UTC
From: Rich Bauer
Topic: 21186  Message: 21192

thanks, steve. I'll do that.

'73,
rich, n9dko
I was visiting my niece last night when I asked if I could borrow a newspaper.
"This is the 21st century," she said. I don't waste money on newspapers! ...Here, use my iPad."
I can tell you this... That fly never knew what hit him!!!
---

Hi Rich- I have the same radio you do and no problems on the repeaters that I use. Go to www.radiobanter.com I got quite an explanation for your problem. Also go to www.n1eq.com.His name is Mike, runs a repair shop for ICOM and kenwood only. I had a problem with variable output on six and 440 meters. He found the problem plus some other problems I get it back this wednesday. He get 5-star rating on eham.. Keep us posted
73-Steve
<http://www.radiobanter.com/>

image <http://www.radiobanter.com/>

# 21193. RE: [ic706] IC-706 Problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 13:51:00 UTC
From: Rich Bauer
Topic: 21186  Message: 21193

both. but see my update post.

'73,
rich, n9dko
If a cat always lands on his feet and a piece of buttered bread always lands on the buttered side...what would happen if you strapped a piece of buttered bread to a cat and dropped it?

---
: I have re-set the CPU...twice...with the same result. this is very
bizzare.
: any suggestions for further troubleshooting or a solution?

Is the tone set on the TX side or the RX side?

Kurt

# 21194. Re: [ic706] IC-706 issue with top cover/speaker wire in contact w/ribbon cable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-09-29 14:33:57 UTC
From: Stanley Klakamp
Topic: 21190  Message: 21194

Those ribbon cables may have a little play from left to right. Look carefully, you may need a magnifying glass, to make sure the pins are matching the connections on the ribbon cable, you might need to move it a little bit to the left or right to get them exactly matched up. If it's slightly off it may not be making a good connection on all the pins all the time.

At least that's what's happened to me before.

Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
On Sep 29, 2014 10:07 AM, "dhobson123@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> GM,
>
>
> Just wondering if anyone else on the list has had this issue with an
> ic-706.
>
>
> Details: ic-706 had been in perfect in operation for more than 10 years in
> the truck...recently top cover opened to verify if the UT-86 option module
> was installed. Noticed after opening top cover that there is a black pad
> that isolated or pads the top cover from the ribbon cable below it and that
> it had been so many years since the top cover was off stuck to the lid thus
> pulling out the ribbon cable from the socket. Easy enough installed the
> ribbon cable back in proper position in the slot and put top cover back
> on. Seemed after that the ic-706 didn't want to tx properly to local
> repeaters, would work sometimes then if you moved the rig or pushed on the
> top cover it would work then not work....have tried several times and it
> depends where the speaker wire lays against the top cover and or the ribbon
> cable below it that it will work or not work properly.....seems to work
> fine with no cover on or the speaker wire placed out of the way. So not
> issues when cover is off, none at all but minute you place cover on then
> starts acting up.
>
>
> Has anyone else on the list had this issue? And if so how did you resolve
> it?

>
>
> Below link to simple picture of the top of the ic-706 and reference of
> ribbon cable where the speaker wire would run across once the top cover
> w/speaker is put back in place (picture uploaded to this groups 'Photo'
> area).
>
>
> https://groups.yahoo.com/neo/groups/ic706/photos/photostream
>
>
>
> https://groups.yahoo.com/neo/groups/ic706/photos/photostream/lightbox/756726635?orderBy=
mtime&sortOrder=desc&photoFilter=ALL#zax/756726635
>
>

> Thanks for any reply on list or reply off list to KB9UMT AT ARRL.NET
>
>

> Don KB9UMT
>
>

# 21195. Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-02 19:50:07 UTC
From: lavinjj.tx63@...
Topic: 21195  Message: 21195

I picked up an old IC-706S at a local hamfest and noticed that the UHF frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been looking around the Internet to see if there may be a mod to allow use up to 148Mhz so I can access some of the local repeaters here in Texas, but have been unable to find one that seems to be for the IC-706S.

Can anybody help me?

Thanks

KF5SVR

# 21196. RE: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 03:45:43 UTC
From: Bob Reiff
Topic: 21195  Message: 21196

Looking for a VHF mod will find more results for 144-146 MHz. UHF is up around 440 which the original 706's can't do at all. I am not even sure what a 706S is.

Bob, WA8ULW

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: October 02, 2014 15:50
To: ic706@yahoogroups.com
Subject: [ic706] Convert IC-706S to American UHF

I picked up an old IC-706S at a local hamfest and noticed that the UHF frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been looking around the Internet to see if there may be a mod to allow use up to 148Mhz so I can access some of the local repeaters here in Texas, but have been unable to find one that seems to be for the IC-706S.

Can anybody help me?

Thanks

KF5SVR

# 21197. Re: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 04:15:51 UTC
From: LARRY J. FORD
Topic: 21195  Message: 21197

As you may know by now that is a European version of the IC-706. Never heard of the "S" model designation, however, and I have two 706s, the first since 2000.

K4AEC
Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 10:26 PM EDT, 10/02/2014
From: "lavinjj.tx63@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Convert IC-706S to American UHF

> I picked up an old IC-706S at a local hamfest and noticed that the UHF frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been looking around the Internet to see if there may be a mod to allow use up to 148Mhz so I can access some of the local repeaters here in Texas, but have been unable to find one that seems to be for the IC-706S.
>
>
> Can anybody help me?
>
>
> Thanks
>
>
> KF5SVR
>
>

# 21198. RE: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 04:15:11 UTC
From: Stanley Klakamp
Topic: 21195  Message: 21198

I remember reading that some of the ham radios built for use in Japan were hardwired to only go from 144 to 146. Maybe the 706S is a unit built for use in Japan?? From what I read they may not be modifiable without changing the main microprocessor.

When I read that, though, it may have been about some brand or model other than the Icom IC706.

Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
On Oct 2, 2014 11:45 PM, "'Bob Reiff' wa8ulw@... [ic706]" <ic706@yahoogroups.com> wrote:

> 
> 
> Looking for a VHF mod will find more results for 144-146 MHz. UHF is up
> around 440 which the original 706's can't do at all. I am not even sure
> what a 706S is.
> 
> 
> 
> Bob, WA8ULW
> 
> 
> 
> *From:* ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> *Sent:* October 02, 2014 15:50
> *To:* ic706@yahoogroups.com
> *Subject:* [ic706] Convert IC-706S to American UHF
> 
> 
> 
> 
> 
> I picked up an old IC-706S at a local hamfest and noticed that the UHF
> frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been
> looking around the Internet to see if there may be a mod to allow use up to
> 148Mhz so I can access some of the local repeaters here in Texas, but have
> been unable to find one that seems to be for the IC-706S.
> 
> 
> 
> Can anybody help me?
> 

>
>
> Thanks
>
>
>
> KF5SVR
>
>
>
>
>

# 21199. Display getting hazy

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 05:27:33 UTC
From: Mike Gormley
Topic: 21199  Message: 21199

Is there anything that can be done for a display on 706 Mark II which is getting hazy. It is a round spot right in the middle and seems to be growing. It is hard to read the display.

--
Mike Gormley, WA8VEC
Sebring, FL

# 21200. Re: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 11:16:28 UTC
From: wa7dxz@...
Topic: 21195  Message: 21200

Does this mean that the common "MARS Mod" won't work on this radio?

In a message dated 10/2/2014 9:30:51 P.M. US Mountain Standard Time,
ic706@yahoogroups.com writes:

I remember reading that some of the ham radios built for use in Japan were
hardwired to only go from 144 to 146. Maybe the 706S is a unit built for
use in Japan?? From what I read they may not be modifiable without changing
the main microprocessor.
When I read that, though, it may have been about some brand or model other
than the Icom IC706.
Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
On Oct 2, 2014 11:45 PM, "'Bob Reiff' _wa8ulw@arrl.net_
(mailto:wa8ulw@...) [ic706]" <_ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com) >
wrote:

Looking for a VHF mod will find more results for 144-146 MHz. UHF is up
around 440 which the original 706's can't do at all. I am not even sure

what a 706S is.
Bob, WA8ULW

From: _ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com)
[mailto:_ic706@yahoogroups.com_ (mailto:ic706@yahoogroups.com) ]
Sent: October 02, 2014 15:50
To: _ic706@yahoogroups.com_ (mailto:ic706@...m)
Subject: [ic706] Convert IC-706S to American UHF

I picked up an old IC-706S at a local hamfest and noticed that the UHF
frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been
looking around the Internet to see if there may be a mod to allow use up to
148Mhz so I can access some of the local repeaters here in Texas, but have
been unable to find one that seems to be for the IC-706S.
Can anybody help me?
Thanks
KF5SVR

# 21201. Re: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 15:18:35 UTC
From: steve schumm
Topic: 21195  Message: 21201

Hi- According to eham.. The 706s radio is a 10 watt radio manufactured for the class 4 licenses in Japan, pre ic-703 radios..Steve

On Thursday, October 2, 2014 11:45 PM, "'Bob Reiff' wa8ulw@... [ic706]" <ic706@yahoogroups.com> wrote:

Looking for a VHF mod will find more results for 144-146 MHz. UHF is up around 440 which the original 706's can't do at all. I am not even sure what a 706S is. Bob, WA8ULW
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: October 02, 2014 15:50
To: ic706@yahoogroups.com
Subject: [ic706] Convert IC-706S to American UHF I picked up an old IC-706S at a local hamfest and noticed that the UHF frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been looking around the Internet to see if there may be a mod to allow use up to 148Mhz so I can access some of the local repeaters here in Texas, but have been unable to find one that seems to be for the IC-706S. Can anybody help me? Thanks KF5SVR

# 21202. Re: [ic706] Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 16:01:50 UTC
From: LARRY J. FORD
Topic: 21195  Message: 21202

OK, so the IC-706S was never distributed in the US? That must be why I can find no reference to it anywhere online.

At 10 watts, even if that "rare" IC-706S could be modified to expand VHF coverage to 148 MHz, hopefully those repeaters would be close by!

(Of course, I have an original IC-706 (no MK) that only output 10 watts on VHF, and it is my main shack VHF unit; transmitting into a good, high-gain Diamond vertical (X-200A) up 30 feet, it does the job on area repeaters even in the mountains of SW North Carolina and North Georgia!)

Larry J. Ford
K4AEC

------ Original Message ------
Received: Fri, 03 Oct 2014 11:18:50 AM EDT
From: "steve schumm wb2oee@yahoo.com [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Convert IC-706S to American UHF

> Hi- According to eham.. The 706s radio is a 10 watt radio manufactured for the class 4 licenses in Japan, pre ic-703 radios..Steve
>
>
> On Thursday, October 2, 2014 11:45 PM, "'Bob Reiff' wa8ulw@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>  Looking for a VHF mod will find more results for 144-146 MHz.  UHF is up around 440 which the original 706's can't do at all.  I am not even sure what a 706S is.  Bob, WA8ULW  From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: October 02, 2014 15:50
> To: ic706@yahoogroups.com
> Subject: [ic706] Convert IC-706S to American UHF  I picked up an old IC-706S at a local hamfest and noticed that the UHF frequency range on it goes from 144Mhz to 146Mhz and then stops. I've been looking around the Internet to see if there may be a mod to allow use up to 148Mhz so I can access some of the local repeaters here in Texas, but have been unable to find one that seems to be for the IC-706S.  Can anybody help me?  Thanks  KF5SVR

# 21203. Re: Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 15:14:45 UTC
From: lavinjj.tx63@...
Topic: 21195  Message: 21203

They guy I bought it from did say he picked it up in Japan, which probably means that it might be hard wired for a specific range. If I can't mod it to get the full 2m range it really isn't that big of a deal, I really bought it for the HF QRP side of things since he also said it was also limited to only 10W output.

I just figured I might get away with using it for 2m as well, if not it's no big deal.

Thanks all,

Jim KF5SVR

# 21204. RE: [ic706] Re: Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-03 21:46:28 UTC
From: Bob Reiff
Topic: 21195  Message: 21204

It will likely work if you can figure out the correct arrangement of diodes in the programming matrix for USA use. Often in typical mods you only have to **REMOVE** diodes. In this case you may have to **ADD** some . They are typically SMT technology so you might have trouble finding what you need if you can’t remove one and remount it elsewhere.

Bob, WA8ULW

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: October 03, 2014 11:15
To: ic706@yahoogroups.com
Subject: [ic706] Re: Convert IC-706S to American UHF

They guy I bought it from did say he picked it up in Japan, which probably means that it might be hard wired for a specific range. If I can't mod it to get the full 2m range it really isn't that big of a deal, I really bought it for the HF QRP side of things since he also said it was also limited to only 10W output.

I just figured I might get away with using it for 2m as well, if not it's no big deal.

Thanks all,

Jim KF5SVR

# 21205. RE: [ic706] Display getting hazy

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-04 03:14:21 UTC
From: Tom
Topic: 21199  Message: 21205

You might try the polishing compound used to polish the haze out of headlights. Toothpaste will work as well.

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Thursday, October 02, 2014 11:28 PM
To: ic706@yahoogroups.com
Subject: [ic706] Display getting hazy

Is there anything that can be done for a display on 706 Mark II which is getting hazy. It is a round spot right in the middle and seems to be growing. It is hard to read the display.

--
Mike Gormley, WA8VEC
Sebring, FL

# 21206. Re: [ic706] Display getting hazy

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-04 03:30:56 UTC
From: Mike Gormley
Topic: 21199  Message: 21206

It looks to me to be internal to the display, not on the surface.

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 10/3/2014 11:14 PM, 'Tom' tseals4@... [ic706] wrote:
>
> You might try the polishing compound used to polish the haze out of
> headlights. Toothpaste will work as well.
>
> -----Original Message-----
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Thursday, October 02, 2014 11:28 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] Display getting hazy
>
> Is there anything that can be done for a display on 706 Mark II which
> is getting hazy. It is a round spot right in the middle and seems to
> be growing. It is hard to read the display.
>
> --
> Mike Gormley, WA8VEC
> Sebring, FL
>
>
> ------------------------------------------------------------------------
>

# 21207. Re: Re: [ic706] Display getting hazy

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-04 04:28:00 UTC
From: LARRY J. FORD
Topic: 21199  Message: 21207

I think that is the LCD crystals going bad.

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 11:31 PM EDT, 10/03/2014
From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
To: ic706@...m
Subject: Re: [ic706] Display getting hazy

> It looks to me to be internal to the display, not on the surface.
>
> Mike Gormley
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
> On 10/3/2014 11:14 PM, 'Tom' tseals4@... [ic706] wrote:
> >
> > You might try the polishing compound used to polish the haze out of
> > headlights. Toothpaste will work as well.
> >
> > -----Original Message-----
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > Sent: Thursday, October 02, 2014 11:28 PM
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Display getting hazy
> >
> > Is there anything that can be done for a display on 706 Mark II which
> > is getting hazy. It is a round spot right in the middle and seems to
> > be growing. It is hard to read the display.
> >
> > --
> > Mike Gormley, WA8VEC
> > Sebring, FL
> >
> >
> > ------------------------------------------------------------------------
> >
>
>

# 21208. RE: [ic706] Re: Convert IC-706S to American UHF

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-04 22:57:57 UTC
From: skyjeepaviation@...
Topic: 21195  Message: 21208

I'll take a guess the band setup row of diodes is similar to the IC706 (original)

there is a row of diode packages on the top side of the main board, labeled D60, D59, D58, D57, D72

You need to remove D60 and D59 if present
D58 is for Europe, D57 France

# 21209. Re: [ic706] IC-706 issue with top cover/speaker wire in contact w/ribbon cable

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-05 16:32:02 UTC
From: dhobson123@...
Topic: 21190  Message: 21209

Hi Stan,
Thank you for the reply and suggestion. So far so good with your suggestion and seems to be working FB again....thank you.

Don KB9UMT

# 21210. original 706 problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-05 00:10:20 UTC
From: stevei48@...
Topic: 21210  Message: 21210

Hi All My old 706 has been good to me, it has a very low serial number. For the last 2 years i have had it mounted in my car. The main unit is bolted under the rear deck, and the head mounted on a goose neck in the front. Last summer i noticed the receive would drop out, and it would only receive very strong signals. A momentary push of the mic button would bring it back to normal. I loosened and tightened all the board screws none were loose. I did find the screws holding the so239 were loose. I reinstalled it, the rig worked fine. last night on my way home from work. I picked up the mic to try to contact a dx station. When i released the ptt button, it stayed in transmit. the red light stayed on. then after a few seconds it started to receive again. I tried another mic both on the head and on the main unit with the same results. seems like a sticking relay.

Can someone point me in a direction to check? I have the factory paper service manual.

73 Steve KB3UWC

# 21211. Re: [ic706] original 706 problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-06 11:42:24 UTC
From: David
Topic: 21210  Message: 21211

By the sounds of it your TR relay is acting up with momentary pushing thePTT. You may have developed a bad ground somewhere that is letting RF into the radio keeping it keyed up, exp with a remote head set up. If the TR relay was mechanically stuck in transmit the TX LED would not stay on. Dave, VE1DAY

# 21212. Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-16 18:07:05 UTC
From: nsadventurer@...
Topic: 21212  Message: 21212

Does anyone have a scan or copy of the manual for the tune module? I want to know if I have to change any settings on the radio to use it and the operating procedure.

A module came with my radio and I have tried a google search unfortunately the company does not seem to exist anymore.

Thanks
Dave, VE1DAY

# 21213. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 03:05:06 UTC
From: steve schumm
Topic: 21212  Message: 21213

Hi Dave- I have a 10 watt tune module. it is after market. it is a little gizmo that plugs into the back plug where the connection is for their tuner. I just push the tune button to activate. In the startup mode, is when you push the power button and lock button at the same time to bring the start functions.. Go to  #27 ""A-TUNE STRT"" this has to be turned on to work the module.. Keep us posted---Steve--WB2OEE

On Thursday, October 16, 2014 2:07 PM, "nsadventurer@... [ic706]" <ic706@yahoogroups.com> wrote:

Does anyone have a scan or copy of the manual for the tune module? I want to know if I have to change any settings on the radio to use it and the operating procedure. A module came with my radio and I have tried a google search unfortunately the company does not seem to exist anymore. ThanksDave, VE1DAY

# 21214. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 03:42:27 UTC
From: Facility 406 DM09
Topic: 21212  Message: 21214

"A module came with my radio and I have tried a google search unfortunately the company does not seem to exist anymore."

Tune modules were aftermarket items designed to fool the radio. They were between 10 and 30 dollars in the 90's. What exactly do you have? There are many, many plans online for building your own out of junk box parts.

Kurt

# 21215. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 11:00:42 UTC
From: David
Topic: 21212  Message: 21215

Thanks for the reply group. I will give that a shot this weekend.

I am thinking of picking up one of those LDG autotuners and looking at either a generic tuner and using the tune control module or the specific IT-100 model for Icom radios, I should test out the module beforehand if I go the generic route.

Dave VE1DAY

# 21216. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 14:21:57 UTC
From: LARRY J. FORD
Topic: 21212  Message: 21216

The DX Engineering website has a "documentation sheet" for the Better RF 706 tune module available here:
http://www.dxengineering.com/parts/btf-706tune/documentation

Looks like it's on a par with the AH-4 "manual" as far as "detail!"

Larry J. Ford
K4AEC

------ Original Message ------
Received: Thu, 16 Oct 2014 10:37:53 PM EDT
From: "nsadventurer@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Better RF tune module IC-706

> Does anyone have a scan or copy of the manual for the tune module? I want to know if I have to change any settings on the radio to use it and the operating procedure.
>
> A module came with my radio and I have tried a google search unfortunately the company does not seem to exist anymore.
>
> Thanks
> Dave, VE1DAY

# 21217. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 14:15:41 UTC
From: Tesla
Topic: 21212  Message: 21217

I picked up a cable for my LDG Z100Plus tuner. Plugs into the radio's tuner port, and the control jack on the back of the LDG tuner. Once I turned on the ATune Start option (there are several settings, btw), I can hit the Tune button on the radio and it Just Works. The cable also provides power for the tuner from the radio, so it's one less thing to plug in. I paid $10 or $15 from my local ham dealer (B&H Sales in Derby, Ks, http://hamradiocenter.biz ). It's a Radio Shack franchise, specializing in ham radio. If you're interested, give them a call and I'm sure they'd ship one to you. If not, I can (cost+shipping).

--Shaun, K0PER

"The world we live in is but thickened light" - Ralph Waldo Emerson

```
_______________________________________________________________________
| ___ __ ___ | "If you live to be a hundred, I want to |
| / / / / /| | live to be a hundred minus one day, |
| / /-- `-. / /-| | So I never have to live without you" |
| / /__ ___//__ / | | -- Winnie the Pooh -- |
| @ kiwigeek.com | |
`-----------------------------------------------------------------------'
```

# 21218. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 16:58:41 UTC
From: mikerodgerske5gbc@...
Topic: 21212  Message: 21218

I believe most or all LDG tuners are capable of interfacing. Most find that tuner module more of a pain than a help because key up time is too short.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Oct 17, 2014, at 6:00 AM, "David nsadventurer@... [ic706]" <ic706@yahoogroups.com> wrote:

> Thanks for the reply group. I will give that a shot this weekend.
>
> I am thinking of picking up one of those LDG autotuners and looking at either a generic tuner and using the tune control module or the specific IT-100 model for Icom radios, I should test out the module beforehand if I go the generic route.
>
> Dave VE1DAY
>

# 21219. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 17:28:59 UTC
From: LARRY J. FORD
Topic: 21212  Message: 21219

You can adjust the TX time of those "plug-on" tuner modules by adjust the value of the capacitor in the circuit.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Fri, 17 Oct 2014 12:59:01 PM EDT
From: "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] Better RF tune module IC-706

> I believe most or all LDG tuners are capable of interfacing. Most find that tuner module more of a pain than a help because key up time is too short.
>
> 73
> Mike R
>
> Jimmy & Jimmy we will miss you.
>
> Thanks for the music. Rest in peace. Little Jimmy Dickens and
> The singing Cajun Jimmy C. Newman.
>
> On Oct 17, 2014, at 6:00 AM, "David nsadventurer@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> > Thanks for the reply group. I will give that a shot this weekend.
> >
> > I am thinking of picking up one of those LDG autotuners and looking at either a generic tuner and using the tune control module or the specific IT-100 model for Icom radios, I should test out the module beforehand if I go the generic route.
> >
> > Dave VE1DAY
> >
>

# 21220. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 17:02:51 UTC
From: Dave
Topic: 21212  Message: 21220

Not much info, you are right. Sent from Samsung Mobile
-------- Original message --------
From: "'LARRY J. FORD' lford@usa.net [ic706]"
Date:10-17-2014 11:21 AM (GMT-04:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] Better RF tune module IC-706

The DX Engineering website has a "documentation sheet" for the Better RF 706 tune module available here: http://www.dxengineering.com/parts/btf-706tune/documentation Looks like it's on a par with the AH-4 "manual" as far as "detail!" Larry J. Ford K4AEC ------ Original Message ------ Received: Thu, 16 Oct 2014 10:37:53 PM EDT From: "nsadventurer@yahoo.ca [ic706]" To: ic706@yahoogroups.com Subject: [ic706] Better RF tune module IC-706 > Does anyone have a scan or copy of the manual for the tune module? I want to know if I have to change any settings on the radio to use it and the operating procedure. > > A module came with my radio and I have tried a google search unfortunately the company does not seem to exist anymore. > > Thanks > Dave, VE1DAY

# 21221. MDSR uses Notched noise to test transmitter performance

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-18 02:51:54 UTC
From: alexschwarz237@...
Topic: 21221  Message: 21221

Hi Everybody;

MDSR is the software that let you get SDR performance out of your analog RIG. To see how go to our website - see below.

Adam Farson (VA7OJ) uses a -90dB notch to test the performance of receivers in a test called NPR (noise power ratio). I personally believe it is the best way to test a receiver regardless if it is an SDR or a conventional receiver. Unfortunately a -90dB noise notch with 3kHz bandwidth is very difficult to reproduce. Up to date there is no digital test unit that can do it and we have to use old satellite test equipment with fixed frequencies. But notched noise has also very interesting test applications for testing the performance of transmitters. The MDSR team has introduced notch filters into the new version of their software (V2.9 Beta). This worked so well that we also decided to use notch filters with white noise on the TX side and see what performance one can get with a 24Bit sound card and the BiLIF up-converter. Although the performance did not come close to the NPR test notch of -90dB the team managed to get a -65dB notch at the output of the BiLiF IF port. The measurement shows the notch output at 14.100MHz for the FT-950 transceiver driven by the BiLiF for 5W and 50W (60W is the max capability for the test set used; HP-8921A). What is noticeable about the measurements is the degradation of the notch depth with higher output power. A higher output produces more IMD (intermod) and fills up the notch with noise. This is a very useful test if you are interested in finding the IMD issues in your transceiver.

For more information please join the MDSR Group;
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

..or check out our website at:
http://users.skynet.be/myspace/mdsr http://users.skynet.be/myspace/mdsr

All the best and please download the V2.9 Beta. It is free for amateur radio use. Available from the group only.

The MDSR Team

# 21222. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-17 20:49:25 UTC
From: Stanley Klakamp
Topic: 21212  Message: 21222

I have one on each of my IC-706MkiiiGs.

You just push the tune button and it sends out a 10 watt CW carrier for about 40 seconds. This gives you time to adjust your antenna tuner, your screwdriver antenna, let your automatic tuner do its tuning, or check your SWR. When you get done you can push the button again and it will stop sending out the carrier. Push it one more time and it will be ready to push again for tuning. If you do not push the button the second time, it times out after about the 40 seconds that I mentioned and stops sending out the carrier on its own. You then need to push the button again and it will be ready for a single push the next time you need the 10 watt CW carrier. If the 40 seconds is not long enough then you can just push the button twice again and it will send out the CW carrier for another 40 seconds.

I find this very very handy for tuning my antennas. It's different than the ones with just the resistor and capacitor as you can shut it off whenever you want, and 40 seconds is usually plenty of time to tune what you need to tune.

Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel.

# 21223. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-18 21:52:58 UTC
From: LARRY J. FORD
Topic: 21212  Message: 21223

Stanley Klakamp wrote (referring to the Better RF 706 Tune Module) "It's different than the ones with just the resistor and capacitor as you can shut it off whenever you want ..."

I have one of the "resistor and capacitor" type tuning modules and it can, indeed, be stopped anytime the operator wants by just momentarily pressing the tune button on the rig.

Not saying that all such modules allow that, but the Better Tune RF module is not unique in that aspect of operation.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: Sat, 18 Oct 2014 12:01:09 PM EDT
From: "Stanley Klakamp k8ll.ham@... [ic706]" To: ic706@yahoogroups.com
Subject: Re: [ic706] Better RF tune module IC-706

?

I have one on each of my IC-706MkiiiGs.

You just push the tune button and it sends out a 10 watt CW carrier for about 40 seconds. This gives you time to adjust your antenna tuner, your screwdriver antenna, let your automatic tuner do its tuning, or check your SWR. When you get done you can push the button again and it will stop sending out the carrier. Push it one more time and it will be ready to push again for tuning. If you do not push the button the second time, it times out after about the 40 seconds that I mentioned and stops sending out the carrier on its own. You then need to push the button again and it will be ready for a single push the next time you need the 10 watt CW carrier.
If the 40 seconds is not long enough then you can just push the button twice again and it will send out the CW carrier for another 40 seconds.

I find this very very handy for tuning my antennas. It's different than the ones with just the resistor and capacitor as you can shut it off whenever you want, and 40 seconds is usually plenty of time to tune what you need to tune.

Stan K8LL
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel.

# 21224. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-19 00:09:10 UTC
From: mikerodgerske5gbc@...
Topic: 21212  Message: 21224

Yeah, I've heard that.

I adjust the TX time by switching to RTTY and pressing PTT.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Oct 17, 2014, at 12:28 PM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com>
wrote:

> You can adjust the TX time of those "plug-on" tuner modules by adjust the
> value of the capacitor in the circuit.
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Fri, 17 Oct 2014 12:59:01 PM EDT
> From: "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Subject: Re: [ic706] Better RF tune module IC-706
>
> > I believe most or all LDG tuners are capable of interfacing. Most find that
> tuner module more of a pain than a help because key up time is too short.
> > >
> > > 73
> > > Mike R
> > >
> > > Jimmy & Jimmy we will miss you.
> > >
> > > Thanks for the music. Rest in peace. Little Jimmy Dickens and
> > > The singing Cajun Jimmy C. Newman.
> > >
> > > On Oct 17, 2014, at 6:00 AM, "David nsadventurer@... [ic706]"
> <ic706@yahoogroups.com> wrote:
> > >
> > > > Thanks for the reply group. I will give that a shot this weekend.
> > > >
> > > > I am thinking of picking up one of those LDG autotuners and looking at
> either a generic tuner and using the tune control module or the specific

> IT-100 model for Icom radios, I should test out the module beforehand if I go
> the generic route.
> > >
> > > Dave VE1DAY
> > >
> >
>
>

# 21225. common problems ic-706 1995-

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-18 20:44:40 UTC
From: nilsson.holger@...
Topic: 21225  Message: 21225

have original 706 need to know what to look out for regardig to faults (new owner) 73´s SM3MZY holger

# 21226. 706m2g SWR problem on 15 and 17 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 02:20:06 UTC
From: connifer@...
Topic: 21226  Message: 21226

I picked up a 706m2g that I only listen to until today when I discovered that the SWR jumps up on its own and the tuner on these two bands goes crazy. I tried my other 706 and my 7000 and there's no problem. I also tried a different antenna an the same result takes place. I reset the CPU and checked the SWR of both antennas nothing helped. Can anyone point me in the right direction. Thanks

# 21227. Re: [ic706] 706m2g SWR problem on 15 and 17 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 05:31:27 UTC
From: steve schumm
Topic: 21226  Message: 21227

Hi -- I have the same problem.. Do not know what the answer is. I use a MFJ 969 tuner. Hopefully some one does...Steve--WB2OEE

On Sunday, October 19, 2014 11:57 PM, "connifer@... [ic706]" <ic706@...m> wrote:

I picked up a 706m2g that I only listen to until today when I discovered that the SWR jumps up on its own and the tuner on these two bands goes crazy. I tried my other 706 and my 7000 and there's no problem. I also tried a different antenna an the same result takes place. I reset the CPU and checked the SWR of both antennas nothing helped. Can anyone point me in the right direction. Thanks

# 21228. Re: [ic706] 706m2g SWR problem on 15 and 17 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 06:25:19 UTC
From: mikerodgerske5gbc@...
Topic: 21226  Message: 21228

I would suggest its not a swr problem but a known oscillation problem.

The first thing to try is poping the covers and tighten all circuit board mounting/grounding screws. If your lucky that will solve it. Also check the little spring tabs that provide grounding.

There are a few mods out there. I remember one guy extending his coax length with success.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Oct 20, 2014, at 12:31 AM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

> Hi -- I have the same problem.. Do not know what the answer is. I use a MFJ 969 tuner. Hopefully some one does...Steve--WB2OEE
>
>
> On Sunday, October 19, 2014 11:57 PM, "connifer@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> I picked up a 706m2g that I only listen to until today when I discovered that the SWR jumps up on its own and the tuner on these two bands goes crazy. I tried my other 706 and my 7000 and there's no problem. I also tried a different antenna an the same result takes place. I reset the CPU and checked the SWR of both antennas nothing helped. Can anyone point me in the right direction. Thanks
>
>
>

# 21229. Re: [ic706] 706m2g SWR problem on 15 and 17 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 12:49:18 UTC
From: Ralph Mowery
Topic: 21226  Message: 21229

One thing you may want to look at is a known grounding problem. If using the remote mounting of the head, make sure you use the screw for the remote cable.

Another grounding problem has to do with an internal grounding problem. Make sure all the screws that hold the boards down are tight. Also I read somewhere on teh internet about an internal clip or clamp but don't know the specifics so you will have to search for that.

On Monday, October 20, 2014 1:38 AM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

>
>
>
>
>
>
>Hi -- I have the same problem.. Do not know what the answer is. I use a MFJ 969 tuner. Hopefully some one does...Steve--WB2OEE
>
>
>
>
>On Sunday, October 19, 2014 11:57 PM, "connifer@verizon.net [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
>
> I picked up a 706m2g that I only listen to until today when I discovered that the SWR jumps up on its own and the tuner on these two bands goes crazy. I tried my other 706 and my 7000 and there's no problem. I also tried a different antenna an the same result takes place. I reset the CPU and checked the SWR of both antennas nothing helped. Can anyone point me in the right direction. Thanks
>
>
>
>
>
>
>

# 21230. Re: [ic706] 706m2g SWR problem on 15 and 17 meters

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 13:16:32 UTC
From: Todd Lee
Topic: 21226  Message: 21230

I had the same issue. Mine was related to a ground spring from a board the the top cover. See link.

http://forums.qrz.com/archive/index.php/t-344400.html

Sent from my iPhone

> On Oct 20, 2014, at 8:49, "Ralph Mowery ku4pt@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> One thing you may want to look at is a known grounding problem. If using the remote mounting of the head, make sure you use the screw for the remote cable.
>
> Another grounding problem has to do with an internal grounding problem. Make sure all the screws that hold the boards down are tight. Also I read somewhere on teh internet about an internal clip or clamp but don't know the specifics so you will have to search for that.
>
>
>
>
>
> On Monday, October 20, 2014 1:38 AM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
>
>
> Hi -- I have the same problem.. Do not know what the answer is. I use a MFJ 969 tuner. Hopefully some one does...Steve--WB2OEE
>
>
> On Sunday, October 19, 2014 11:57 PM, "connifer@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
>
> I picked up a 706m2g that I only listen to until today when I discovered that the SWR jumps up on its own and the tuner on these two bands goes crazy. I tried my other 706 and my 7000 and there's no problem. I also tried a different antenna an the same result takes place. I reset the CPU and checked the SWR of both antennas nothing helped. Can anyone point me in the right direction. Thanks
>
>
>
>
>
>

>

# 21231. Re: common problems ic-706 1995-

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 14:22:26 UTC
From: Ron Lawrence
Topic: 21225  Message: 21231

I have an original that I bought a little over a year
ago at the Shelby hamfest, the original owner had it modded
for MARS use but ended up never using it, he put it back
in the original box and it stayed there until I bought it
last year.

I run it mobile and have never had a single problem with it.

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, RON w4ron
http://radioheaven.homestead.com/menu.html

# 21232. Re: [ic706] Re: common problems ic-706 1995-

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 14:48:40 UTC
From: LARRY J. FORD
Topic: 21225  Message: 21232

Ditto with my "original" IC-706, except it's never been mobile, but just keeps plugging along.

I use it in the shack as a back-up HF rig, and for VHF to access local repeaters.

One "short-coming" of the initial series was that it output only 10 watts on 2 meters, which was bumped up to 20 watts in the IC-706MKII, and (I think) 50 watts in the IC-706MKIIG, along with UHF capability as well (at a lesser output). I use an amp with it when I need to reach out farther on VHF simplex.

Each series has its design quirks, which are easily overcome. There are some problems that crop up from time to time common to the entire series, such as the grounding issue addressed in a current thread on this list, but not necessarily anything inherent to only the original 706 that I am aware of.

Of course, parts for all models will become scarcer as times goes on, particularly the output transistors in the PA section.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Mon, 20 Oct 2014 10:23:24 AM EDT
From: "Ron Lawrence W4RON@carolina.rr.com [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: common problems ic-706 1995-

> I have an original that I bought a little over a year
> ago at the Shelby hamfest, the original owner had it modded
> for MARS use but ended up never using it, he put it back
> in the original box and it stayed there until I bought it
> last year.
>
> I run it mobile and have never had a single problem with it.
>
>
> ~~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~~
>
> 73, RON w4ron

> http://radioheaven.homestead.com/menu.html
>
>
>

# 21233. Re: [ic706] Re: common problems ic-706 1995-

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 17:45:13 UTC
From: Ralph Mowery
Topic: 21225  Message: 21233

Many rigs have there own minor to major problems that may not show up in all of them,but a good number.

I have the 706mk2g and had to send it off as it would not come on. Seems there is a capacitor that leaks and eats up the circuit board traces. Not all 706s will do this, just enough to be a know common problem. My 746pro had the famous dial light fail. I replaced a transistor that cured that as described on the internet.

On Monday, October 20, 2014 10:48 AM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com> wrote:

>
>
>Ditto with my "original" IC-706, except it's never been mobile, but just keeps
>plugging along.
>
>I use it in the shack as a back-up HF rig, and for VHF to access local
>repeaters.
>
>One "short-coming" of the initial series was that it output only 10 watts on 2
>meters, which was bumped up to 20 watts in the IC-706MKII, and (I think) 50
>watts in the IC-706MKIIG, along with UHF capability as well (at a lesser
>output). I use an amp with it when I need to reach out farther on VHF
>simplex.
>
>Each series has its design quirks, which are easily overcome. There are some
>problems that crop up from time to time common to the entire series, such as
>the grounding issue addressed in a current thread on this list, but not
>necessarily anything inherent to only the original 706 that I am aware of.
>
>Of course, parts for all models will become scarcer as times goes on,
>particularly the output transistors in the PA section.
>
>Larry J. Ford
>K4AEC
>
>
>
>
>
>
>
>
>------ Original Message ------
>Received: Mon, 20 Oct 2014 10:23:24 AM EDT
>From: "Ron Lawrence W4RON@... [ic706]" <ic706@yahoogroups.com>
>To: ic706@yahoogroups.com

>Subject: [ic706] Re: common problems ic-706 1995-
>
>> I have an original that I bought a little over a year
>> ago at the Shelby hamfest, the original owner had it modded
>> for MARS use but ended up never using it, he put it back
>> in the original box and it stayed there until I bought it
>> last year.
>>
>> I run it mobile and have never had a single problem with it.
>>
>>
>> ~~~~~~~~~~~~~~~~~~~~
>> Knee-deep in the cosmic overwhelm, I’m stricken
>> by the ricochet wonder of it all: the plain
>>
>> everythingness of everything, in cahoots
>> with the everythingness of everything else.
>> ~~~~~~~~~~~~~~~~~~~~
>>
>> 73, RON w4ron
>> http://radioheaven.homestead.com/menu.html
>>
>>
>>
>
>
>
>
>------------------------------------
>Posted by: "LARRY J. FORD" <lford@...>
>------------------------------------
>
>
>------------------------------------
>
>Yahoo Groups Links
>
>
>
>
>

# 21234. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-20 17:51:34 UTC
From: Dave
Topic: 21212  Message: 21234

Thanks all for the information. I wasnt having much luck with the module. What was happening was it would key the radio in CW for a while and then any time I tried for a second time it would flash the tune button and not key up. This is an origional 706 so I am aware of it not working on six meters. To cut a long story short, I picked up an LDG Z-100 at the recent fleamarket. After making an interface cable it now works perfectly. The only quirk is If I need to use the autotuner on six then you have to use the button on the tuner. Dave, VE1DAY Sent from Samsung Mobile
-------- Original message --------
From: "mikerodgerske5gbc@yahoo.com [ic706]"
Date:10-18-2014 9:09 PM (GMT-04:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] Better RF tune module IC-706

Yeah, I've heard that. I adjust the TX time by switching to RTTY and pressing PTT. 73 Mike R Jimmy & Jimmy we will miss you. Thanks for the music. Rest in peace. Little Jimmy Dickens and The singing Cajun Jimmy C. Newman. On Oct 17, 2014, at 12:28 PM, "'LARRY J. FORD' lford@usa.net [ic706]" wrote: You can adjust the TX time of those "plug-on" tuner modules by adjust the value of the capacitor in the circuit. Larry J. Ford K4AEC ------ Original Message ------ Received: Fri, 17 Oct 2014 12:59:01 PM EDT From: "mikerodgerske5gbc@yahoo.com [ic706]" To: "ic706@yahoogroups.com" Subject: Re: [ic706] Better RF tune module IC-706 > I believe most or all LDG tuners are capable of interfacing. Most find that tuner module more of a pain than a help because key up time is too short. > > 73 > Mike R > > Jimmy & Jimmy we will miss you. > > Thanks for the music. Rest in peace. Little Jimmy Dickens and > The singing Cajun Jimmy C. Newman. > > On Oct 17, 2014, at 6:00 AM, "David nsadventurer@yahoo.ca [ic706]" wrote: > > > Thanks for the reply group. I will give that a shot this weekend. > > > > I am thinking of picking up one of those LDG autotuners and looking at either a generic tuner and using the tune control module or the specific IT-100 model for Icom radios, I should test out the module beforehand if I go the generic route. > > > > Dave VE1DAY > > >

# 21235. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-21 14:39:57 UTC
From: LARRY J. FORD
Topic: 21212  Message: 21235

Dave VE1DAY wrote: " ...I tried for a second time it would flash the tune button and not key up." Perhaps the Better RF Tune module won't TX a second time if a tuning solution was reached the first time? If not that, then perhaps one of the internal components has failed or is out of spec. Dave VE1DAY wrote: "The only quirk is If I need to use the autotuner on six then you have to use the button on the tuner." The reason that the IC-706 (original) will not command your LDG to tune on 6 meters is because the microprocessor and/or firmware in the IC-706 did not have the commands to control the ICOM line of external autotuners (e.g., AH-4) or any third-party autotuner that emulates the AH-4 on 6 meters. This "quirk" as you call it was corrected in the IC-706MKII and IC-706MKIIG which will command tuning on 6 meters. Dave VE1DAY wrote: "This is an origional 706 so I am aware of it not working on six meters." The IC-706 itself is 6 meter capable. Larry J. Ford K4AEC ------ Original Message ------ Received: Tue, 21 Oct 2014 03:28:42 AM EDT From: "Dave nsadventurer@... [ic706]" To: ic706@yahoogroups.com Subject: Re: [ic706] Better RF tune module IC-706 > Thanks all for the information. I wasnt having much luck with the module. What was happening was it would key the radio in CW for a while and then any time I tried for a second time it would flash the tune button and not key up. > This is an origional 706 so I am aware of it not working on six meters. > To cut a long story short, I picked up an LDG Z-100 at the recent fleamarket. After making an interface cable it now works perfectly. The only quirk is If I need to use the autotuner on six then you have to use the button on the tuner. > > Dave, VE1DAY > > Sent from Samsung Mobile > >
-------- Original message --------
From: "mikerodgerske5gbc@... [ic706]"
Date:10-18-2014 9:09 PM (GMT-04:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] Better RF tune module IC-706
>
Yeah, I've heard that. > > I adjust the TX time by switching to RTTY and pressing PTT. > > 73 > Mike R > > Jimmy & Jimmy we will miss you. > > Thanks for the music. Rest in peace. Little Jimmy Dickens and > The singing Cajun Jimmy C. Newman. > > On Oct 17, 2014, at 12:28 PM, "'LARRY J. FORD' lford@... [ic706]" wrote: > > > You can adjust the TX time of those "plug-on" tuner modules by adjust the > value of the capacitor in the circuit. > > Larry J. Ford > K4AEC > > > ------ Original Message ------ > Received: Fri, 17 Oct 2014 12:59:01 PM EDT > From: "mikerodgerske5gbc@... [ic706]" > To: "ic706@yahoogroups.com" > Subject: Re: [ic706] Better RF tune module IC-706 > > > I believe most or all LDG tuners are capable of interfacing. Most find that > tuner module more of a pain than a help because key up time is too short. > > > > 73 > > Mike R > > > > Jimmy & Jimmy we will miss you. > > > > Thanks for the music. Rest in peace. Little Jimmy Dickens and > > The singing Cajun Jimmy C. Newman. > > > > On Oct 17, 2014, at 6:00 AM, "David nsadventurer@... [ic706]" > wrote: > > > > > > > > Thanks for the reply group. I will give that a shot this weekend. > > > > > > > > I am thinking of picking up one of those LDG autotuners and looking at > either a generic tuner and using the tune control module or the specific > IT-100 model for Icom radios, I should test out the module beforehand if I go > the generic route. > > > > > > Dave VE1DAY > > > > > > > > > > > >

# 21236. Re: [ic706] Better RF tune module IC-706

Yahoo group: ic706 (2010 — 2015)
Date: 2014-10-22 12:03:58 UTC
From: Dave
Topic: 21212  Message: 21236

Good point Larry, the microprocessor may have known there was a match. That being said, I picked up an LDG Z-100 plus and tried that twice, it worked no problem for the second time with the tune button on the radio.

Problem solved as I no longer use the module now I have a new (to me) auto tuner.

Thanks again.
Dave

# 21237. No power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-02 02:00:02 UTC
From: woloinme@...
Topic: 21237  Message: 21237

My Icom 706 mk1 has the following issue:

it started freezing so i reset it as described in the manual and now it wont turn on anymore just the fan spins and you can hear the relays clicking...

has anyone had this issue before?

David

# 21238. Re: [ic706] No power on

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-02 11:26:02 UTC
From: David Stinson
Topic: 21237  Message: 21238

> it started freezing so i reset it as described in the manual
> and now it wont turn on anymore just the fan spins and you can
> hear the relays clicking...

Last time this happened to me, I removed and re-seated
the front panel. Contacts had gotten cruddy.

# 21239. Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 04:31:59 UTC
From: Matthew Poertner
Topic: 21239  Message: 21239

I use an external speaker because I find the internal speaker hard to hear considering its facing upwards. Anyway, the other day I was trying out a different radio. When I hooked the IC-706MKIIG back up it was stuck on transmit. I traced it back to the external speaker connection. When I unplug it from the back of the radio TX goes off. The interesting thing is when I plug it in at the front, using the earphone connector it works fine. Any ideas?

Thanks!
Matt - W6MCP

# 21240. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 05:32:36 UTC
From: LARRY J. FORD
Topic: 21239  Message: 21240

Are you sure that the speaker plug wasn't plugged into the CI-V jack by mistake? Both are 1/8th" jacks and are close together.

Larry
K4AEC

------ Original Message ------
Received: 11:52 PM EST, 11/04/2014
From:
"Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Stuck TX when external speaker connected.

> I use an external speaker because I find the internal speaker hard to
> hear considering its facing upwards. Anyway, the other day I was
> trying out a different radio. When I hooked the IC-706MKIIG back up
> it was stuck on transmit. I traced it back to the external speaker
> connection. When I unplug it from the back of the radio TX goes off.
> The interesting thing is when I plug it in at the front, using the
> earphone connector it works fine. Any ideas?
>
>
> Thanks!
> Matt - W6MCP
>

# 21241. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 05:15:43 UTC
From: Michael Goins
Topic: 21239  Message: 21241

Sounds like the vox is on and it's hearing the audio from the speaker.

Michael Goins, k5wmg
Professor, English
Northwest Vista College

On Tue, Nov 4, 2014 at 10:31 PM, Matthew Poertner mpoertner@...
[ic706] <ic706@yahoogroups.com> wrote:

>
>
> I use an external speaker because I find the internal speaker hard to
> hear considering its facing upwards. Anyway, the other day I was
> trying out a different radio. When I hooked the IC-706MKIIG back up
> it was stuck on transmit. I traced it back to the external speaker
> connection. When I unplug it from the back of the radio TX goes off.
> The interesting thing is when I plug it in at the front, using the
> earphone connector it works fine. Any ideas?
>
> Thanks!
> Matt - W6MCP
>
>

# 21242. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 05:55:13 UTC
From: Matthew Poertner
Topic: 21239  Message: 21242

Yeah, because I use Ham Radio Deluxe to control the radio.

On Tue, Nov 4, 2014 at 9:32 PM, 'LARRY J. FORD' lford@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
>
> Are you sure that the speaker plug wasn't plugged into the CI-V jack by
> mistake? Both are 1/8th" jacks and are close together.
>
> Larry
> K4AEC
>
>
> ------ Original Message ------
> Received: 11:52 PM EST, 11/04/2014
> From:
> "Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] Stuck TX when external speaker connected.
>
> > I use an external speaker because I find the internal speaker hard to
> > hear considering its facing upwards. Anyway, the other day I was
> > trying out a different radio. When I hooked the IC-706MKIIG back up
> > it was stuck on transmit. I traced it back to the external speaker
> > connection. When I unplug it from the back of the radio TX goes off.
> > The interesting thing is when I plug it in at the front, using the
> > earphone connector it works fine. Any ideas?
> >
> >

> > Thanks!
> > Matt - W6MCP
> >
>
>
>

# 21243. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 15:13:13 UTC
From: LARRY J. FORD
Topic: 21239  Message: 21243

OK, scratch that off the list!

Have you tried doing a CPU reset?

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 05 Nov 2014 01:38:10 AM EST
From: "Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Stuck TX when external speaker connected.

> Yeah, because I use Ham Radio Deluxe to control the radio.
>
>
> On Tue, Nov 4, 2014 at 9:32 PM, 'LARRY J. FORD' lford@... [ic706] <
> ic706@yahoogroups.com> wrote:
>
>
> > >
> > >
> > > Are you sure that the speaker plug wasn't plugged into the CI-V jack by
> > > mistake? Both are 1/8th" jacks and are close together.
> > >
> > > Larry
> > > K4AEC
> > >
> > >
> > > ------ Original Message ------
> > > Received: 11:52 PM EST, 11/04/2014
> > > From:
> > > "Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] Stuck TX when external speaker connected.
> > >
> > > > I use an external speaker because I find the internal speaker hard to
> > > > hear considering its facing upwards. Anyway, the other day I was
> > > > trying out a different radio. When I hooked the IC-706MKIIG back up
> > > > it was stuck on transmit. I traced it back to the external speaker
> > > > connection. When I unplug it from the back of the radio TX goes off.
> > > > The interesting thing is when I plug it in at the front, using the
> > > > earphone connector it works fine. Any ideas?
> > > >
> > > >

>
> > > Thanks!
> > > Matt - W6MCP
> > >
> >
> >
> >
>

# 21244. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-05 17:45:06 UTC
From: Matthew Poertner
Topic: 21239  Message: 21244

Just tried that. No luck.

Someone else suggested VOX was on but I checked and it is not.

On Wed, Nov 5, 2014 at 7:13 AM, 'LARRY J. FORD' lford@usa.net [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> OK, scratch that off the list!
>
> Have you tried doing a CPU reset?
>
> Larry J. Ford
> K4AEC
>
>
> ------ Original Message ------
> Received: Wed, 05 Nov 2014 01:38:10 AM EST
> From: "Matthew Poertner mpoertner@... [ic706]" <
> ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Stuck TX when external speaker connected.
>
> > Yeah, because I use Ham Radio Deluxe to control the radio.
> > >
> > >
> > > On Tue, Nov 4, 2014 at 9:32 PM, 'LARRY J. FORD' lford@... [ic706] <
> > > ic706@yahoogroups.com> wrote:
> > > >
> > > >
> > > > > >
> > > > > >
> > > > > > Are you sure that the speaker plug wasn't plugged into the CI-V jack by
> > > > > > mistake? Both are 1/8th" jacks and are close together.
> > > > > >
> > > > > > Larry
> > > > > > K4AEC
> > > > > >
> > > > > >
> > > > > > ------ Original Message ------
> > > > > > Received: 11:52 PM EST, 11/04/2014
> > > > > > From:
> > > > > > "Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
> > > > > > To: ic706@yahoogroups.com

> > > Subject: [ic706] Stuck TX when external speaker connected.
> > >
> > > > I use an external speaker because I find the internal speaker hard to
> > > > hear considering its facing upwards. Anyway, the other day I was
> > > > trying out a different radio. When I hooked the IC-706MKIIG back up
> > > > it was stuck on transmit. I traced it back to the external speaker
> > > > connection. When I unplug it from the back of the radio TX goes off.
> > > > The interesting thing is when I plug it in at the front, using the
> > > > earphone connector it works fine. Any ideas?
> > > >
> > > >
> > >
> > > > Thanks!
> > > > Matt - W6MCP
> > > >
> > >
> > >
> > >
> > >
>
>
>

# 21245. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-06 15:02:30 UTC
From: LARRY J. FORD
Topic: 21239  Message: 21245

Have you tried removing the control head, and cleaning the contacts on back of the control head and the body of the radio and/or the remote cable if it is being used? Can't remember if this has been suggested and/or tried, but if it hasn't I recommend DeoxIT for that task.

Larry J. Ford
K4AEC

------ Original Message ------
Received: Wed, 05 Nov 2014 09:26:36 PM EST
From: "Matthew Poertner mpoertner@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Stuck TX when external speaker connected.

> Just tried that. No luck.
>
>
> Someone else suggested VOX was on but I checked and it is not.
>
>
> On Wed, Nov 5, 2014 at 7:13 AM, 'LARRY J. FORD' lford@... [ic706] <
> ic706@yahoogroups.com> wrote:
>
>
> >
> >
> > OK, scratch that off the list!
> >
> > Have you tried doing a CPU reset?
> >
> > Larry J. Ford
> > K4AEC
> >
> >
> > ------ Original Message ------
> > Received: Wed, 05 Nov 2014 01:38:10 AM EST
> > From: "Matthew Poertner mpoertner@... [ic706]" <
> > ic706@yahoogroups.com>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] Stuck TX when external speaker connected.
> >
> > > Yeah, because I use Ham Radio Deluxe to control the radio.
> > >
> > >
> > > On Tue, Nov 4, 2014 at 9:32 PM, 'LARRY J. FORD' lford@... [ic706] <
> > > ic706@yahoogroups.com> wrote:

> > >
> > >
> > > >
> > > >
> > > >
> > > > Are you sure that the speaker plug wasn't plugged into the CI-V jack
by
> > > > mistake? Both are 1/8th" jacks and are close together.
> > > >
> > > > Larry
> > > > K4AEC
> > > >
> > > >
> > > > ------ Original Message ------
> > > > Received: 11:52 PM EST, 11/04/2014
> > > > From:
> > > > "Matthew Poertner mpoertner@... [ic706]"
<ic706@yahoogroups.com>
> > > > To: ic706@yahoogroups.com
> > > > Subject: [ic706] Stuck TX when external speaker connected.
> > > >
> > > > > I use an external speaker because I find the internal speaker hard
to
> > > > > hear considering its facing upwards. Anyway, the other day I was
> > > > > trying out a different radio. When I hooked the IC-706MKIIG back up
> > > > > it was stuck on transmit. I traced it back to the external speaker
> > > > > connection. When I unplug it from the back of the radio TX goes
off.
> > > > > The interesting thing is when I plug it in at the front, using the
> > > > > earphone connector it works fine. Any ideas?
> > > > >
> > > > >
> > > >
> > > > > Thanks!
> > > > > Matt - W6MCP
> > > > >
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>

# 21246. Re: [ic706] Stuck TX when external speaker connected.

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-06 02:28:59 UTC
From: Michael Goins
Topic: 21239  Message: 21246

Maybe the box relay is tripped and hung.

Mike, k5wmg
Bella-Green Bed & Breakfast
www.bella-green.com

# 21247. The MDSR Team makes the LIF even more versatile

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-12 22:05:38 UTC
From: alexschwarz237@...
Topic: 21247  Message: 21247

Hi Everybody;

The MDSR Team again has extended the capability of the hardware interface to include such popular radios as the K3 and the FTdx-3000. The difficulty in making these radios compatible with the LIF down-converter unit was the difficulty of getting suitable LO crystals which would yield a 12kHz IF for the sound card input.
As a LO can be used any stable oscillator with an output of 3Vpp and an impedance lower than 500 Ohms. Si570 based oscillator kits which have a high frequency stability are affordable and can be configured to start oscillating at a set frequency on power up and provide the perfect LO for your transceiver.
Even though a crystal oscillator has a very low phase noise and excellent frequency stability there are transceivers that can not be covered with the current set of LIF frequencies available. By using the external LO input transceivers like the K3 and the FTdx-3000 which has a 9MHz IF output can be used with the MDSR software.

The MDSR software and the LIF interface allows for a very cost effective and amazingly sophisticated user interface for RX as well as TX. The LIF2014 kit for RX and the BiLIF kit are easy to build and can enhance almost any HF transceiver.

For more details go to:
MDSR Demodulator-Modulator Software Radio http://users.skynet.be/myspace/mdsr
Please download and read the PDF documents with regards to your RIG.
Note: All documentation is free as long as it is used for HAM radio purposes.

If you can not find your transceiver or do not know how to start your LIF project, join our user group at:
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

We have created a LIF with an external LO document that will guide you though the conversion. It has 4 simple steps. I can be found in the group in the Photo Album section and the heading: External oscillator connection.

The MDSR team hopes that this will enable even more HAMs to be able to use the LIF and BiLIF converter with their RIGs.

We are also working on the next release of the MDSR software, which will include an update of the DSP engine. The FM modulator and demodulator will also be part of this release. This makes the MDSR portion of the software 100% Java compliant. This means it can run on any OS that has can install the Java RTE (run time environment). Many thanks to the people at SoftSynth for the continued support and for letting us use their DSP software for free. This enables us to keep the MDSR software free of charge for you.

All the best and 73;

The MDSR and BiLIF team
Alex / VE7DXW

MDSR Demodulator-Modulator Software Radio http://users.skynet.be/myspace/mdsr

View on users.skynet.be http://users.skynet.be/myspace/mdsr
Preview by Yahoo

# 21248. ICOM 706MK2G programmign issues

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-19 02:46:11 UTC
From: wa1mar@...
Topic: 21248  Message: 21248

I'am haveing problems programing hf frequncies in my memories

can anybody help me out

wa1mar.jeremy@gmail.com

# 21249. Re: [ic706] ICOM 706MK2G programmign issues

Yahoo group: ic706 (2010 — 2015)
Date: 2014-11-19 05:20:16 UTC
From: steve schumm
Topic: 21248  Message: 21249

Hi it is simple---1. set desired frequency  2.  While in VFO-A. Push RIT/SUB button it will glow a dull red. Rotate memory channel dial until a  memory number reads blank.. 3- Go to M2. Push MW button, you will hear 2 beeps. Frequency is now in memory.  To confirm-- Push the V/M button to show MEMO. Turn memory channel dial to confirm.Good luck and let us know how you made out.... 73-Steve--WB2OEE

On Tuesday, November 18, 2014 10:34 PM, "wa1mar@... [ic706]" <ic706@yahoogroups.com> wrote:

  I'am haveing problems programing hf frequncies in my memories
can anybody help me out
wa1mar.jeremy@... <!--

# 21250. erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-04 23:42:51 UTC
From: Moses
Topic: 21250  Message: 21250

Hi Everyone,

I have a 706MK2G I've owned for a while now.. and recently started using it again primarily on 2M. I've got an annoying problem cropping up occasionally.. anywhere on mid-to low power settings on VHF or UHF it will not transmit properly. I don't know how well to describe it, but when it happens sometimes I get a brief high SWR indication, and either power output will drop to zero or I will get a power increase (!). While this is happening I get reports of no or bad audio, and the rig itself makes a strange interference/buzzing type noise that is probably coming out of the speaker (while transmitting).

It has been hard to troubleshoot this issue, it seemingly happens randomly. It can happen on the first transmission on a cold radio or after half an hour on the radio, not happen for several days, etc. It only happens on low power, I have never seen it occur on 3/4 to full power settings which is my 'fix' to the problem currently. I have done the following..

- Tried a different antenna, coax, coax jumpers, no swr meter, etc.. same thing
- I noticed old hardened solder flux on the final drive transistor, cleaned it out with a pick and alcohol, solder connections look good, nothing appears burnt
- Adjusted idle current for final and drive amplifiers, they ended up in pretty much the same spot as the factory alignment.
- I have looked at probably most of the critical solder joints in the rig.. wiggled power wires, coax, board ribbon cables, etc.. I can't force the radio to fail in this way.

I really was thinking it was the antenna or coax, but unless I have two bad antennas, that is not it. Does anyone have an idea as to what else I can check? I have searched the web and so far found no similar issue. I would send it in for repair.. but probably will come back with no problem found. I would like to use low power settings again!

Thank you

Regards,
-Moses

# 21251. Re: [ic706] erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-05 00:18:10 UTC
From: Wayne Bowyer
Topic: 21250  Message: 21251

There is an issue with some erratic trimmer caps in the 2m VCO. The Guy to talk to is N1EQ. His name escapes me but he repaired my 706 on two different occasions. Good work and very reasonable.

Wayne
N4eyz
On Dec 4, 2014 6:42 PM, "Moses moses@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Hi Everyone,
>
> I have a 706MK2G I've owned for a while now.. and recently started using
> it again primarily on 2M. I've got an annoying problem cropping up
> occasionally.. anywhere on mid-to low power settings on VHF or UHF it
> will not transmit properly. I don't know how well to describe it, but
> when it happens sometimes I get a brief high SWR indication, and either
> power output will drop to zero or I will get a power increase (!). While
> this is happening I get reports of no or bad audio, and the rig itself
> makes a strange interference/buzzing type noise that is probably coming
> out of the speaker (while transmitting).
>
> It has been hard to troubleshoot this issue, it seemingly happens
> randomly. It can happen on the first transmission on a cold radio or
> after half an hour on the radio, not happen for several days, etc. It
> only happens on low power, I have never seen it occur on 3/4 to full
> power settings which is my 'fix' to the problem currently. I have done
> the following..
>
> - Tried a different antenna, coax, coax jumpers, no swr meter, etc..
> same thing
> - I noticed old hardened solder flux on the final drive transistor,
> cleaned it out with a pick and alcohol, solder connections look good,
> nothing appears burnt
> - Adjusted idle current for final and drive amplifiers, they ended up in
> pretty much the same spot as the factory alignment.
> - I have looked at probably most of the critical solder joints in the
> rig.. wiggled power wires, coax, board ribbon cables, etc.. I can't
> force the radio to fail in this way.
>
> I really was thinking it was the antenna or coax, but unless I have two
> bad antennas, that is not it. Does anyone have an idea as to what else I
> can check? I have searched the web and so far found no similar issue. I
> would send it in for repair.. but probably will come back with no

> problem found. I would like to use low power settings again!
>
> Thank you
>
> Regards,
> -Moses
>
>
>

# 21252. RE: [ic706] erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-05 00:45:40 UTC
From: <2jb@...>
Topic: 21250  Message: 21252

It might be worth checking the screws around the main pcb are providing a good ground - this was an official Icom 'fix' for an intermittent problem a few years ago but I can't remember the details. Also clean the contacts between the front and the main housing, especially as you say the rig wasn't used for a while.
Hope this helps,
73, John G8OZH

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: 04 December 2014 23:43
To: ic706@yahoogroups.com
Subject: [ic706] erratic low power VHF/UHF operation 706MK2G

Hi Everyone,

I have a 706MK2G I've owned for a while now.. and recently started using it again primarily on 2M. I've got an annoying problem cropping up occasionally.. anywhere on mid-to low power settings on VHF or UHF it will not transmit properly. I don't know how well to describe it, but when it happens sometimes I get a brief high SWR indication, and either power output will drop to zero or I will get a power increase (!). While this is happening I get reports of no or bad audio, and the rig itself makes a strange interference/buzzing type noise that is probably coming out of the speaker (while transmitting).

It has been hard to troubleshoot this issue, it seemingly happens randomly. It can happen on the first transmission on a cold radio or after half an hour on the radio, not happen for several days, etc. It only happens on low power, I have never seen it occur on 3/4 to full power settings which is my 'fix' to the problem currently. I have done the following..

- Tried a different antenna, coax, coax jumpers, no swr meter, etc.. same thing
- I noticed old hardened solder flux on the final drive transistor, cleaned it out with a pick and alcohol, solder connections look good, nothing appears burnt
- Adjusted idle current for final and drive amplifiers, they ended up in pretty much the same spot as the factory alignment.
- I have looked at probably most of the critical solder joints in the rig.. wiggled power wires, coax, board ribbon cables, etc.. I can't force the radio to fail in this way.

I really was thinking it was the antenna or coax, but unless I have two bad antennas, that is not it. Does anyone have an idea as to what else I can check? I have searched the web and so far found no similar issue. I

would send it in for repair.. but probably will come back with no problem found. I would like to use low power settings again!

Thank you

Regards,
-Moses

---
Posted by: Moses <moses@neonixie.com>
---

---

Yahoo Groups Links

# 21253. RE: [ic706] erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-05 17:28:28 UTC
From: steve schumm
Topic: 21250  Message: 21253

---

On Thu, 12/4/14, 2jb@...m [ic706] <ic706@yahoogroups.com> wrote:

Subject: RE: [ic706] erratic low power VHF/UHF operation 706MK2G
To: ic706@yahoogroups.com
Date: Thursday, December 4, 2014, 7:45 PM

Hi Moses--I had a problem like yours on 440 MHZ-- I sent it out for repair. I was the power out put FET, it was bad, now all OK...Steve

It might be worth checking the screws around the
main pcb are providing a good ground - this was an official
Icom 'fix' for an intermittent problem a few years
ago but I can't remember the details. Also clean the
contacts between the front and the main housing, especially
as you say the rig wasn't used for a while.

Hope this helps,

73, John G8OZH

-----Original Message-----

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]

Sent: 04 December 2014 23:43

To: ic706@yahoogroups.com

Subject: [ic706] erratic low power VHF/UHF operation
706MK2G

Hi Everyone,

I have a 706MK2G I've owned for a while now.. and
recently started using

it again primarily on 2M. I've got an annoying problem
cropping up

occasionally.. anywhere on mid-to low power settings on VHF
or UHF it

will not transmit properly. I don't know how well to
describe it, but

when it happens sometimes I get a brief high SWR indication,
and either

power output will drop to zero or I will get a power increase (!). While

this is happening I get reports of no or bad audio, and the rig itself

makes a strange interference/buzzing type noise that is probably coming

out of the speaker (while transmitting).

It has been hard to troubleshoot this issue, it seemingly happens

randomly. It can happen on the first transmission on a cold radio or

after half an hour on the radio, not happen for several days, etc. It

only happens on low power, I have never seen it occur on 3/4 to full

power settings which is my 'fix' to the problem currently. I have done

the following..

- Tried a different antenna, coax, coax jumpers, no swr meter, etc..

same thing

- I noticed old hardened solder flux on the final drive transistor,

cleaned it out with a pick and alcohol, solder connections look good,

nothing appears burnt

- Adjusted idle current for final and drive amplifiers, they ended up in

pretty much the same spot as the factory alignment.

- I have looked at probably most of the critical solder joints in the

rig.. wiggled power wires, coax, board ribbon cables, etc.. I can't

force the radio to fail in this way.

I really was thinking it was the antenna or coax, but unless I have two

bad antennas, that is not it. Does anyone have an idea as to what else I

can check? I have searched the web and so far found no similar issue. I

would send it in for repair.. but probably will come back with no

problem found. I would like to use low power settings again!

Thank you

Regards,

-Moses

---

Posted by: Moses <moses@...>

---

---

Yahoo Groups Links

# 21254. Re: [ic706] erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-08 21:25:19 UTC
From: Moses
Topic: 21250  Message: 21254

Thank you everyone for your suggestions.

I had forgotten about the faceplate connections.. I just cleaned them out. I'll go through the radio and double check the board mountings. I also found online some instances of issues with failing adjustment potentiometers in the FM PLL circuit.. something else to check. If I find nothing.. I think I'll just order a final transistor, I see you can get them for around $30 online. Worth a try as I have another radio with the same finals, at worst I'll have a spare!

Thanks again

Regards,
-Moses

On 12/5/2014 9:28 AM, steve schumm wb2oee@... [ic706] wrote:
> ---
> On Thu, 12/4/14, 2jb@... [ic706] <ic706@yahoogroups.com> wrote:
>
> Subject: RE: [ic706] erratic low power VHF/UHF operation 706MK2G
> To: ic706@yahoogroups.com
> Date: Thursday, December 4, 2014, 7:45 PM
>
>
> Hi Moses--I had a problem like yours on 440 MHZ-- I sent it out for repair. I was the power out put FET, it was bad, now all OK...Steve
>
>
>
>
>
>
>
>
>
> It might be worth checking the screws around the
> main pcb are providing a good ground - this was an official
> Icom 'fix' for an intermittent problem a few years
> ago but I can't remember the details. Also clean the
> contacts between the front and the main housing, especially
> as you say the rig wasn't used for a while.
>
> Hope this helps,
>
> 73, John G8OZH
>

>
>
> -----Original Message-----
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
>
>
> Sent: 04 December 2014 23:43
>
> To: ic706@yahoogroups.com
>
> Subject: [ic706] erratic low power VHF/UHF operation
> 706MK2G
>
>
>
> Hi Everyone,
>
>
>
> I have a 706MK2G I've owned for a while now.. and
> recently started using
>
> it again primarily on 2M. I've got an annoying problem
> cropping up
>
> occasionally.. anywhere on mid-to low power settings on VHF
> or UHF it
>
> will not transmit properly. I don't know how well to
> describe it, but
>
> when it happens sometimes I get a brief high SWR indication,
> and either
>
> power output will drop to zero or I will get a power
> increase (!). While
>
> this is happening I get reports of no or bad audio, and the
> rig itself
>
> makes a strange interference/buzzing type noise that is
> probably coming
>
> out of the speaker (while transmitting).
>
>
>
> It has been hard to troubleshoot this issue, it seemingly
> happens

>
> randomly. It can happen on the first transmission on a cold
> radio or
>
> after half an hour on the radio, not happen for several
> days, etc. It
>
> only happens on low power, I have never seen it occur on 3/4
> to full
>
> power settings which is my 'fix' to the problem
> currently. I have done
>
> the following..
>
>
>
> - Tried a different antenna, coax, coax jumpers, no swr
> meter, etc..
>
> same thing
>
> - I noticed old hardened solder flux on the final drive
> transistor,
>
> cleaned it out with a pick and alcohol, solder connections
> look good,
>
> nothing appears burnt
>
> - Adjusted idle current for final and drive amplifiers, they
> ended up in
>
> pretty much the same spot as the factory alignment.
>
> - I have looked at probably most of the critical solder
> joints in the
>
> rig.. wiggled power wires, coax, board ribbon cables, etc..
> I can't
>
> force the radio to fail in this way.
>
>
>
> I really was thinking it was the antenna or coax, but unless
> I have two
>
> bad antennas, that is not it. Does anyone have an idea as to
> what else I

>
> can check? I have searched the web and so far found no
> similar issue. I
>
> would send it in for repair.. but probably will come back
> with no
>
> problem found. I would like to use low power settings
> again!
>
>
>
> Thank you
>
>
>
> Regards,
>
> -Moses
>
>
>

# 21255. Re: [ic706] erratic low power VHF/UHF operation 706MK2G

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-09 06:15:09 UTC
From: Dean Benninger
Topic: 21250  Message: 21255

I recall a Problem with the Chassis Mounted SO-239 Connectors... Check the Solder connections to ground and centre connector for Cold Solder joints... If there are poor connections that would make sense on affecting only on low to mid power!!! Please let us know if that is the solution, as it is a simple fix as no new components are required, just a hot soldering iron, solder wick and new silver solder!
Dean N8DEA
On Dec 8, 2014 4:25 PM, "Moses moses@neonixie.com mailto:moses@neonixie.com [ic706]" <ic706@yahoogroups.com mailto:ic706@yahoogroups.com> wrote:
>
>
>
> Thank you everyone for your suggestions.
>
> I had forgotten about the faceplate connections.. I just cleaned them
> out. I'll go through the radio and double check the board mountings. I
> also found online some instances of issues with failing adjustment
> potentiometers in the FM PLL circuit.. something else to check. If I
> find nothing.. I think I'll just order a final transistor, I see you can
> get them for around $30 online. Worth a try as I have another radio with
> the same finals, at worst I'll have a spare!
>
> Thanks again
>
> Regards,
> -Moses

# 21256. Icom 706 base for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-09 14:50:26 UTC
From: mikem1alt@...
Topic: 21256  Message: 21256

I have an Icom 706 mk1 base unit for sale no display unit or microphone just the base.

Works ok looking for £150 plus £15 postage more details email me at mikem1alt@gmail.com sell to UK only.

I bought this from ebay but the display got damaged in transit and on closer inspection is too far gone for repair the volume control snapped off if you want the dispaly in bits you are welcome to it as well

Thanks Mike M1ALT

# 21257. Re: Icom 706 base for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-09 23:00:36 UTC
From: mikem1alt@...
Topic: 21256  Message: 21257

NOW SOLD

# 21258. Re: [ic706] ICOM 706MK2G programmign issues

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-12 20:47:37 UTC
From: mikerodgerske5gbc@...
Topic: 21248  Message: 21258

Surely you received help by now?

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Nov 18, 2014, at 8:46 PM, "wa1mar@... [ic706]" <ic706@yahoogroups.com> wrote:

> I'am haveing problems programing hf frequncies in my memories
>
>
>
> can anybody help me out
>
>
>
> wa1mar.jeremy@...
>
>

# 21259. Re: [ic706] ICOM 706MK2G programmign issues

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-12 21:41:03 UTC
From: steve schumm
Topic: 21248  Message: 21259

Hi- I sent him instructions on how to program the memories and heard nothoing back---Steve--WB2OEE

On Friday, December 12, 2014 3:47 PM, "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com> wrote:

Surely you received help by now?
73Mike R

Jimmy & Jimmy we will miss you.
Thanks for the music. Rest in peace. Little Jimmy Dickens and The singing Cajun Jimmy C. Newman.
On Nov 18, 2014, at 8:46 PM, "wa1mar@... [ic706]" <ic706@yahoogroups.com> wrote:

I'am haveing problems programing hf frequncies in my memories
can anybody help me out
wa1mar.jeremy@...

# 21260. ICOM 706 MK2 Programmed Scan problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-17 20:24:32 UTC
From: jhamlin2004@...
Topic: 21260  Message: 21260

I'm trying to set up a programmed scan on my IC706 MK2, and having a problem getting it to work right. After setting up the P1 & P2 memory channels as instructed and making sure that "scan resume" is "on", the scan will start but not stop at any active frequencies. P1 is set at 28.3mhz and P2 is at 29.3. I've tried this with either the squelch fully open or closed, but it make no difference . . . will not pause at an active usb frequency. If I understand it right, I start the scan in the VFO mode. What am I missing?? Probably an "operator error", for sure! ???

# 21261. RE: [ic706] ICOM 706 MK2 Programmed Scan problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-18 16:03:04 UTC
From: Bob Reiff
Topic: 21260  Message: 21261

Does SCAN work for ssb? Or just for a solid carrier in FM mode. Don’t know and don’t have a book to look it up but seems reasonable. Until told otherwise I wouldn’t expect conventional scanning to work on ssb. Just on something that had a good solid carrier.

Bob, WA8ULW

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Wednesday, December 17, 2014 3:25 PM
To: ic706@yahoogroups.com
Subject: [ic706] ICOM 706 MK2 Programmed Scan problem

I'm trying to set up a programmed scan on my IC706 MK2, and having a problem getting it to work right. After setting up the P1 & P2 memory channels as instructed and making sure that "scan resume" is "on", the scan will start but not stop at any active frequencies. P1 is set at 28.3mhz and P2 is at 29.3. I've tried this with either the squelch fully open or closed, but it make no difference . . . will not pause at an active usb frequency. If I understand it right, I start the scan in the VFO mode. What am I missing?? Probably an "operator error", for sure! <https://s.yimg.com/ok/u/assets/img/emoticons/emo11.gif> ???

# 21262. RE: [ic706] ICOM 706 MK2 Programmed Scan problem

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-18 16:29:37 UTC
From: guenhwyvr@...
Topic: 21260  Message: 21262

The trick here is that you have to be in VCO mode, not Memory (Menu S2, soft-key 4 (V/M)) If you're in Memory mode, there will be a "ch" indicator on the lower right side of your display, IIRC (my mkIIg isn't in front of me at the moment.

From there, your radio will scan from 28.3-29.3 and repeat, if you have those band edges set up as "channels" 1A and 1B (You will have to be in Memory mode to do this. Select channel 1A, "Mem" the band edge frequency you want, go to channel 2B and do the same for the top band edge freq)

Now, remember that scanning will only work the way you're used to (like in CB's or police scanners) on FM carriers. In SSB, you'll have to listen for audio characteristics that change rapidly, and bump the VCO dial when you hear one. That will get you close, then you just have to dial it in.

If you are scanning for FM on 10m, the scan function will stop whenever a signal exceeds the squelch threshold (set by the ring control on the volume knob).

Hope this helps!

73, and Merry Christmas!

Justin
N6ETC

# 21263. Photo wanted of 706mk1 PA board

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-23 20:48:46 UTC
From: mikem1alt@...
Topic: 21263  Message: 21263

Can anyone take a photo of the 706mk1 PA board underneath the power socket. I am attempting to repair the s.coils Inductors, the common fault on VHF RX, the definition quality of the circuit diagrams page 8.6 from the service manual are not to clear and a bit of real photographic evidence would help some what more.

Many thanks
Mike M1ALT

# 21264. Re: [ic706] Photo wanted of 706mk1 PA board

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-24 00:58:33 UTC
From: <awaschka@...>
Topic: 21263  Message: 21264

Which side of the board do you need, or both?

Al

Sent from Windows Mail

From: ic706@yahoogroups.com
Sent: ☐Tuesday☐, ☐December☐ ☐23☐, ☐2014 ☐3☐:☐48☐ ☐PM
To: ic706@yahoogroups.com

Can anyone take a photo of the 706mk1 PA board underneath the power socket. I am attempting to repair the s.coils Inductors, the common fault on VHF RX, the definition quality of the circuit diagrams page 8.6 from the service manual are not to clear and a bit of real photographic evidence would help some what more.

Many thanks

Mike M1ALT

# 21265. Re: [ic706] Photo wanted of 706mk1 PA board

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-24 10:59:21 UTC
From: mikem1alt@...
Topic: 21263  Message: 21265

I need the underside of the radio, the side where the bracket is on the chassis the board by the 13.8v power socket and cable this socket lifts out of the chassis and the info about my repair is there.

So with the radio up side down and the display and knobs facing you, and the power socket out of the way it is the top right hand corner.

Many thanks

Mike M1ALT

# 21266. Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-24 22:05:31 UTC
From: The Suleske Family
Topic: 21266  Message: 21266

I'm looking for a manual tuner and an auto tuner for my 706. What are your suggestions? Looking for balance of small and featured. Have any favorites? Oh, and I'm thinking like $200 auto and $100 manual used via eBay. Thanks! W1CAS Chris

# 21267. Re: [ic706] Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-25 13:55:26 UTC
From: mikerodgerske5gbc@...
Topic: 21266  Message: 21267

Yeah, but not for $100. My Palstar AT2K is sweet with peak hold meters and 6:1 vernier dials with fine graduated markings. That makes it not touchy, you can return to previous settings with ease.

Happy hunting.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Dec 24, 2014, at 4:05 PM, "The Suleske Family c@... [ic706]" <ic706@yahoogroups.com> wrote:

> I'm looking for a manual tuner and an auto tuner for my 706. What are your suggestions? Looking for balance of small and featured. Have any favorites? Oh, and I'm thinking like $200 auto and $100 manual used via eBay. Thanks! W1CAS Chris
>
>

# 21268. Re: [ic706] Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-25 12:16:32 UTC
From: wa7dxz@...
Topic: 21266  Message: 21268

I use an LDG AT200PRO, and/or a simple MFJ 942? tuner, both work great for this rig.
Remember the auto tuner wont tune balanced lines, (ladder line) only coax fed antennas UNLESS you use for instance the LDG 4:1 balun.
If you run a dipole with coax, auto tuners work fine.
Bob wa7dxz, Phoenix area

In a message dated 12/25/2014 1:11:24 A.M. US Mountain Standard Time, ic706@yahoogroups.com writes:

I'm looking for a manual tuner and an auto tuner for my 706. What are your suggestions? Looking for balance of small and featured. Have any favorites? Oh, and I'm thinking like $200 auto and $100 manual used via eBay. Thanks!
W1CAS Chris

# 21269. Re: [ic706] Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-25 16:26:50 UTC
From: LARRY J. FORD
Topic: 21266  Message: 21269

How much power are you planning on running (although for $200 and $100, respectively, you'll pretty much be limited to 100 watts output) and what type of antennas? Balanced feedline antennas or coax-fed antennas? Desk-top tuners or remote-mount at the antenna feedpoint?

Having owned 706s for some 15 years, I have to say that for the most flexibility and efficiency, it's hard to beat the ICOM AH-4 autotuner which plugs into the Molex tuner port on the back of the 706 and enables the "TUNE" button on the front panel of the rig. Although other manufacturers have autotuners that are compatible with the 706 and "mimic" the operation of the AH-4, the 706 and the AH-4 are designed to work together. The AH-4 is a much more versatile tuner than commonly given credit for. You won't buy a new one for $200.00, but I've bought several in the $175.00 to $225.00 range.

I have owned at least one AH-4 during the past 15 years.

Aside from the AH-4, LDG makes autotuners that are "plug-compatible" with the 706, as does MFJ, but all those are desk-top as I recall.

ICOM also makes a desk-top autotuner as well; both it and the AH-4 are described in the 706 manual.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 03:11 AM EST, 12/25/2014
From: "The Suleske Family c@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Tuner complement to the 706MKIIG?

> I'm looking for a manual tuner and an auto tuner for my 706. What are your suggestions? Looking for balance of small and featured. Have any favorites? Oh, and I'm thinking like $200 auto and $100 manual used via eBay. Thanks!
W1CAS Chris
>
>
>

# 21270. RE: [ic706] Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-25 16:42:04 UTC
From: Tom
Topic: 21266  Message: 21270

I use the MFJ-993B. It’s a little over your budget at $220 from hamcity.com or GigaParts. It comes ready to go for use with balanced line or coax. I’m running a 102’ dipole with balanced line feed. It is a very flexible tuner and will work with balanced line or coax and will accept random wire antennas. The LDG tuners work very well too.

Tom in NM

W5GV

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Thursday, December 25, 2014 5:17 AM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Tuner complement to the 706MKIIG?

I use an LDG AT200PRO, and/or a simple MFJ 942? tuner, both work great for this rig.

Remember the auto tuner wont tune balanced lines, (ladder line) only coax fed antennas UNLESS you use for instance the LDG 4:1 balun.

If you run a dipole with coax, auto tuners work fine.

Bob wa7dxz, Phoenix area

In a message dated 12/25/2014 1:11:24 A.M. US Mountain Standard Time, ic706@yahoogroups.com writes:

I'm looking for a manual tuner and an auto tuner for my 706. What are your suggestions? Looking for balance of small and featured. Have any favorites? Oh, and I'm thinking like $200 auto and $100 manual used via eBay. Thanks! W1CAS Chris

# 21271. Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-26 15:22:37 UTC
From: The Suleske Family
Topic: 21266  Message: 21271

Hi all. Thanks for the helpful comments. I'm leaning toward an LDG IT-100, based on size, price, features, and user base. After looking at a few on eBay, it appears a better deal is to buy it new, shipped, for about $170. Though a home rig at present, I've designs on building the 706 and tuner into a go-box.

Still looking at a small MFJ manual tuner for crazier antennas. It looks like the small ones give up the ability to run random wire. Ideally, I'd like a dummy load integral.

Chris, W1CAS

# 21272. Re: [ic706] Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-26 17:01:10 UTC
From: LARRY J. FORD
Topic: 21266  Message: 21272

In my earlier post, I failed to mention that I sometimes use a very inexpensive, light-weight, MFJ manual tuner out in the field with my 706s, an MFJ-900 "Econtuner."

I bought it for something like $20 or $25 from another ham off eBay some 15 years ago, looks like crap on the outside, looks brand-new on the inside, and works quite well for what it goes.

It has a provision for both coax feedline and a random wire. Although the "manual" claims it's rated to 200 watts, I don't put more than 100 watts SSB or 50 watts constant carrier through it.

MFJ still sells later versions of this tuner to this day, although the models with the built-in SWR/Wattmeters will exceed your $100.00 figure by $20 to $30.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:43 AM EST, 12/26/2014
From: "The Suleske Family c@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Tuner complement to the 706MKIIG?

> Hi all. Thanks for the helpful comments. I'm leaning toward an LDG IT-100, based on size, price, features, and user base. After looking at a few on eBay, it appears a better deal is to buy it new, shipped, for about $170. Though a home rig at present, I've designs on building the 706 and tuner into a go-box.

>
>
> Still looking at a small MFJ manual tuner for crazier antennas. It looks like the small ones give up the ability to run random wire. Ideally, I'd like a dummy load integral.
>
>
> Chris, W1CAS
>

# 21273. Re: [ic706] Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-26 20:45:03 UTC
From: skyjeepaviation@...
Topic: 21266  Message: 21273

I've trialled an LDG Z-100 and the Icom AT-180 neither were any use at all. The AT-180 is only meant as a companion line trim for the IC706 and thats all it does. I was surprised the LDG wasnt effective on any of the antennas I use it would either trim an antenna which was already near enough - or spit the dummy and remain in bypass. I tested this both mounted at the radio and at the antenna base. I tested on mobile helicals, aircraft wire (both open end and loop) and at home with wire antennas.

The tuners I use the most on my 706 & 706Mk2G are some rather old Kenwood models - AT120 and AT130.
The good thing is their size (and cost) they are a bit fiddly due to the small knobs.
The AT130 has the WARC bands - although thats not critical both will operate OK including 5MHz but they dont do 160m or 6m I just leave them in bypass.

Ralph ZL2TV

# 21274. Re: [ic706] Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-26 21:13:05 UTC
From: jsilberman
Topic: 21266  Message: 21274

I use a Yaesu FC700. Manual, 80-10, 100w, WARC bands, Lite, eham 4.8 rating, look at the reviews. Can be had for $100. A GREAT tuner.

John KB4CRT/ VP2MRT

On 12/26/2014 10:22 AM, The Suleske Family c@... [ic706] wrote:
>
> Hi all. Thanks for the helpful comments. I'm leaning toward an LDG
> IT-100, based on size, price, features, and user base. After looking
> at a few on eBay, it appears a better deal is to buy it new, shipped,
> for about $170. Though a home rig at present, I've designs on building
> the 706 and tuner into a go-box.
>
> Still looking at a small MFJ manual tuner for crazier antennas. It
> looks like the small ones give up the ability to run random wire.
> Ideally, I'd like a dummy load integral.
>
> Chris, W1CAS
>
>

# 21275. Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-27 07:12:02 UTC
From: vk5zuc@...
Topic: 21266  Message: 21275

Chris,
I have found an early Z100 to work well with my 706 original.
Andrew

# 21276. Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-26 19:34:45 UTC
From: The Suleske Family
Topic: 21266  Message: 21276

I found a used LDG AT-100PROII w/ cables on eBay for 165 shipped. A little bigger than the IT-100 but has displays and a second antenna. Think it has more memories too. There was an AT-200PROII for about the same w/out cables but it slipped away before I could nab it. Unsure why I'd need a 200 with this rig as if I ever run a linear, I'll use a different set up and need much more than the 200. Do people just use the 200 as a safety margin or for use with their other rigs?

Thanks for your suggestions.

Now for an antenna. While I can whip up (ha) a dipole, what should I attach to the LDG for widest coverage? Probably looking for a stealth dipole in the attic initially. Ideally would like the 2 elements 30 feet together or shorter. Is there a good performer someone has experience with in an attic application? Thanks again.

Chris, W1CAS

# 21277. RE: [ic706] Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-27 20:07:45 UTC
From: Paul Fullmer
Topic: 21266  Message: 21277

I use a Z-100plus with mu 706MKIIG with no problem on a 40M dipole.

Paul Fullmer

AC7UT

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Friday, December 26, 2014 11:12 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Tuner complement to the 706MKIIG?

Chris,

I have found an early Z100 to work well with my 706 original.

Andrew

# 21278. Re: [ic706] Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-28 13:06:44 UTC
From: <w5sum@...>
Topic: 21266  Message: 21278

I use the LDG IT100 with mine and it works very well.. typically I use it to tune a full wave loop fed with 450 ohm line which means I have to go through a 4:1 balun but that's just fine. Except with really wild impedences it does great. Just my .02 worth
Ronnie W5SUM

From: mailto:ic706@yahoogroups.com
Sent: Saturday, December 27, 2014 2:07 PM
To: ic706@yahoogroups.com
Subject: RE: [ic706] Re: Tuner complement to the 706MKIIG?

I use a Z-100plus with mu 706MKIIG with no problem on a 40M dipole.

Paul Fullmer

AC7UT

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Friday, December 26, 2014 11:12 PM
To: ic706@yahoogroups.com
Subject: [ic706] Re: Tuner complement to the 706MKIIG?

Chris,

I have found an early Z100 to work well with my 706 original.

Andrew

# 21279. Re: [ic706] Photo wanted of 706mk1 PA board

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-29 16:16:39 UTC
From: Al Waschka
Topic: 21263  Message: 21279

Sent a picture to your email listed below.

Al

Sent from my iPad

> On Dec 24, 2014, at 5:59 AM, "mikem1alt@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> I need the underside of the radio, the side where the bracket is on the chassis the board by the 13.8v power socket and cable this socket lifts out of the chassis and the info about my repair is there.
>
>
> So with the radio up side down and the display and knobs facing you, and the power socket out of the way it is the top right hand corner.
>
> Many thanks
>
> Mike M1ALT
>

# 21280. Re: Tuner complement to the 706MKIIG?

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-31 00:06:54 UTC
From: kb8cmw@...
Topic: 21266  Message: 21280

I use LDG AT-7000 with my 706. Never had any problems at all.

Paul,KB8CMW

# 21281. Happy New Year to all group members

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-31 14:19:11 UTC
From: dhobson123@...
Topic: 21281  Message: 21281

Happy New Year to all group members……wishing you all the best in 2015!

Don KB9UMT

www.30MDG.org http://www.30mdg.org/ <30 Meter Digital Group>

# 21282. Re: [ic706] Happy New Year to all group members

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-31 18:45:17 UTC
From: Jude Domanski
Topic: 21281  Message: 21282

You too, Don! 73 de WD9FUM

# 21283. 706 question

Yahoo group: ic706 (2010 — 2015)
Date: 2014-12-31 22:25:40 UTC
From: cboone@...
Topic: 21283  Message: 21283

Actually this is a question on all Japanese multimode radios..MOST of them do NOT allow the NB to work in the FM mode....some older ones did (My KW TS680, Yaesu FT690MkI and 690MkII do!) but it seems most modern rigs don't do that and the answer I get from their TAC groups is "The radio performs as designed".....

Yeah thats some good news!! Ever been at a bad spot where the electrical noise causes a S9 reading on FM and SSB but turn on the NB and it drops to S3 on SSB but still S9 on FM?? DUH!! If they think FM does not need a NB, why does EVERY COMMERCIAL LMR lowband rig have them (and even the GE Mastr II offered it in their 136-174 MHz models...one rptr site I had needed it...the noise at 2m was horrible but at 220, it was QUIET)...

I have wondered if anyone has found a way to enable the NB in the FM mode on the IC706MkII?? If so, how easy is it? My feeling is I would have it on all the time and if it was tearing up something like AM broadcast, etc, its easy to go to settings and turn it to 0..On 10 and 6 AM modes as well as FM, the NB is really needed.....

Anyone done this yet?? I am scaning through the service manual to see if I can find a way to do it...even if I had to add a switch to enable/disable it in FM mode..(a small slide or push on/off button would be easy to do)

TIA and Happy New Year
Chris
WB5ITT
trustee, W5APX

# 21284. Re: [ic706] Happy New Year to all group members

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-01 07:11:13 UTC
From: steve schumm
Topic: 21281  Message: 21284

To All- A safe and ''''''' Happy rare DX filled New Year"""""""--Steve-WB2OEE

On Thursday, January 1, 2015 12:32 AM, "Jude Domanski wd9fum@yahoo.com [ic706]" <ic706@yahoogroups.com> wrote:

> You too, Don! 73 de WD9FUM

# 21285. Re: [ic706] 706 question

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-01 14:25:32 UTC
From: Joe
Topic: 21283  Message: 21285

I wonder if it is because the manufacturers consider these HF/VHF AM/CW/SSB/FM radios more of a base station then a mobile radio when they design them? FM mode LMR mobiles are designed for exactly that, mobile operation.

The IC-706 noise blanker is effective on impulse noise, such as ignition noise. With modern ignition systems switching to Direct Ignition (or coil on plug) the distributor and high voltage wires are eliminated. This is probably why modern cars have less ignition noise. The noise problems now in autos seem to be microprocessor related, which the IC-706 noise blanker may not be very effective to eliminate.

Joe

On 12/31/2014 5:25 PM, cboone@... [ic706] wrote:
>
> Actually this is a question on all Japanese multimode radios..MOST of
> them do NOT allow the NB to work in the FM mode....some older ones did
> (My KW TS680, Yaesu FT690MkI and 690MkII do!) but it seems most modern
> rigs don't do that and the answer I get from their TAC groups is "The
> radio performs as designed".....
>
>

# 21286. Re: [ic706] 706 question

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-02 06:51:51 UTC
From: skyjeepaviation@...
Topic: 21283  Message: 21286

The NB in the 706 series is located in the 9MHz narrow IF and of the impulse gating type, if this circuit were to be used for FM mode it would actually make that type of interference worse. The FM demodulator at 455kHz uses hard limiting and no AGC to swamp any impulse noise.

The older radios may have used a noise limiter in the audio, rather than a noise blanker in the IF. The 706 is different to the Mk2 and later in the placement of the blanker prior to the filter, there is an unofficial mod to fix this (for ssb)

But then most later rigs have DSP which works in the narrowFM mode so if you really need it thats OK.

Both my 706 & mk2g dont have a very effective NB on ssb, it can be adjusted internally for the situation but even then its not fantastic. it also degrades AM so I wouldnt want it for NBFM
Ralph

# 21287. Any CI-V unpublished commands for Mk2G?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 15:09:46 UTC
From: 2jb@...
Topic: 21287  Message: 21287

Hello folks and a Happy New Year to you all,

Does anyone know if there are any CI-V commands available fr the 706 Mk2G which are extra to those published in the manual? I am looking for a simple way to read the ALC Meter information remotely - if that is possible.
All suggestions gratefully received.
73, John G8OZH

# 21288. ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 15:21:20 UTC
From: LARRY J. FORD
Topic: 21288  Message: 21288

Are there any "independent" repair shops(i.e., one that IS NOT an authorized ICOM Service Center), particularly on the east coast/central USA, that can repair an ICOM IC-706MKII that folks recommend, have good experience with?

Thanks.

Larry J. Ford
K4AEC

# 21289. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 15:48:11 UTC
From: Wayne Bowyer
Topic: 21288  Message: 21289

Yes!
N1EQ has worked on my 706G twice in the past for me and has provided
excellent service both in cost and turnaround.

http://www.n1eq.com/

73's
Wayne
n4eyz

On Fri, Jan 9, 2015 at 10:21 AM, 'LARRY J. FORD' lford@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Are there any "independent" repair shops(i.e., one that IS NOT an
> authorized
> ICOM Service Center), particularly on the east coast/central USA, that can
> repair an ICOM IC-706MKII that folks recommend, have good experience with?
>
> Thanks.
>
> Larry J. Ford
> K4AEC
>
>
>

# 21290. R-70 Receiver

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 16:00:14 UTC
From: David Stinson
Topic: 21288  Message: 21290

Can you recommend someone to service older ICOMs?
I have an olde but well-loved R-70 that needs the caps
done, plus has a leaky transistor in the front panel
(I'm too chicken to take the front panel apart that far).
I'm in Texas.
Tnx D.S.

# 21291. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 16:14:43 UTC
From: LARRY J. FORD
Topic: 21288  Message: 21291

Great! This is for my 82 year-young "Elmer," who has been licensed as long as I've been alive (i.e., since 1951)!

Thanks.

LJF
K4AEC

------ Original Message ------
Received: 10:48 AM EST, 01/09/2015
From: "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

> Yes!
> N1EQ has worked on my 706G twice in the past for me and has provided
> excellent service both in cost and turnaround.
>
> http://www.n1eq.com/
>
> 73's
> Wayne
> n4eyz
>
>
> On Fri, Jan 9, 2015 at 10:21 AM, 'LARRY J. FORD' lford@... [ic706] <
> ic706@yahoogroups.com> wrote:
>
> >
> >
> > Are there any "independent" repair shops(i.e., one that IS NOT an
> > authorized
> > ICOM Service Center), particularly on the east coast/central USA, that
can
> > repair an ICOM IC-706MKII that folks recommend, have good experience
with?
> >
> > Thanks.
> >
> > Larry J. Ford
> > K4AEC
> >
> >
> >
>

# 21292. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 16:22:12 UTC
From: LARRY J. FORD
Topic: 21288  Message: 21292

Well, not so great, after all. :-(

That guy's "Contact me only by Internet" webpage at www.n1eq.com specifically states that he only works on IC-706MKIIG's, and not anything earlier.
http://www.n1eq.com/main/page_radio_list.html

Hopefully, someone else will have another suggestion.

Larry J. Ford
K4AEC
------ Original Message ------
Received: 11:15 AM EST, 01/09/2015
From: "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com>
To: <ic706@yahoogroups.com>
Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

> Great! This is for my 82 year-young "Elmer," who has been licensed as long
> as I've been alive (i.e., since 1951)!
>
> Thanks.
>
> LJF
> K4AEC
>
> ------ Original Message ------
> Received: 10:48 AM EST, 01/09/2015
> From: "Wayne Bowyer wayne.bowyer@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center
>
> > Yes!
> > N1EQ has worked on my 706G twice in the past for me and has provided
> > excellent service both in cost and turnaround.
> >
> > http://www.n1eq.com/
> >
> > 73's
> > Wayne
> > n4eyz
> >
> >
> > On Fri, Jan 9, 2015 at 10:21 AM, 'LARRY J. FORD' lford@... [ic706] <
> > ic706@yahoogroups.com> wrote:
> >

> > >
> > >
> > > Are there any "independent" repair shops(i.e., one that IS NOT an
> > > authorized
> > > ICOM Service Center), particularly on the east coast/central USA, that
> can
> > > repair an ICOM IC-706MKII that folks recommend, have good experience
> with?
> > >
> > > Thanks.
> > >
> > > Larry J. Ford
> > > K4AEC
> > >
> > >
> > >
> >
>
>
>

# 21293. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 16:32:27 UTC
From: Wayne Bowyer
Topic: 21288  Message: 21293

Well I'm sorry.....I didn't realize that.

Wayne
n4eyz

On Fri, Jan 9, 2015 at 11:22 AM, 'LARRY J. FORD' lford@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Well, not so great, after all. :-(
>
> That guy's "Contact me only by Internet" webpage at www.n1eq.com
> specifically
> states that he only works on IC-706MKIIG's, and not anything earlier.
> http://www.n1eq.com/main/page_radio_list.html
>
> Hopefully, someone else will have another suggestion.
>
> Larry J. Ford
> K4AEC
> ------ Original Message ------
> Received: 11:15 AM EST, 01/09/2015
> From: "'LARRY J. FORD' lford@...t [ic706]" <ic706@yahoogroups.com>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center
>
> > Great! This is for my 82 year-young "Elmer," who has been licensed as
> long
> > as I've been alive (i.e., since 1951)!
> > >
> > > Thanks.
> > >
> > > LJF
> > > K4AEC
> > >
> > > ------ Original Message ------
> > > Received: 10:48 AM EST, 01/09/2015
> > > From: "Wayne Bowyer wayne.bowyer@... [ic706]" <
> > ic706@yahoogroups.com>
> > > To: ic706@yahoogroups.com
> > > Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE
> > Center
> > >

> > > Yes!
> > > N1EQ has worked on my 706G twice in the past for me and has provided
> > > excellent service both in cost and turnaround.
> > >
> > > http://www.n1eq.com/
> > >
> > > 73's
> > > Wayne
> > > n4eyz
> > >
> > >
> > > On Fri, Jan 9, 2015 at 10:21 AM, 'LARRY J. FORD' lford@...
> [ic706] <
> > > ic706@yahoogroups.com> wrote:
> > >
> > > >
> > > >
> > > > Are there any "independent" repair shops(i.e., one that IS NOT an
> > > > authorized
> > > > ICOM Service Center), particularly on the east coast/central USA,
> that
> > can
> > > > > repair an ICOM IC-706MKII that folks recommend, have good experience
> > with?
> > > > >
> > > > > Thanks.
> > > > >
> > > > > Larry J. Ford
> > > > > K4AEC
> > > > >
> > > > >
> > > > >
> > > >
> > >
> > >
> > >
> >
> >
> >

# 21294. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 17:13:19 UTC
From: John Geiger
Topic: 21288  Message: 21294

Larry,

Here are a few on the east coast that get good reviews:

www.landaircomm.com

http://n4ats.com/

http://www.hamradiorepairfix.com/

Good luck with the repair. Paul Hansen (W6XA) also gets high
recommendations as a repair center.

73 John AF5CC

On Fri, Jan 9, 2015 at 10:22 AM, 'LARRY J. FORD' lford@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Well, not so great, after all. :-(
>
> That guy's "Contact me only by Internet" webpage at www.n1eq.com
> specifically
> states that he only works on IC-706MKIIG's, and not anything earlier.
> http://www.n1eq.com/main/page_radio_list.html
>
> Hopefully, someone else will have another suggestion.
>
> Larry J. Ford
> K4AEC
> ------ Original Message ------
> Received: 11:15 AM EST, 01/09/2015
> From: "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com>
> To: <ic706@yahoogroups.com>
> Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center
>
> > Great! This is for my 82 year-young "Elmer," who has been licensed as
> long
> > as I've been alive (i.e., since 1951)!
> > >
> > > Thanks.
> > >
> > > LJF
> > > K4AEC

> >
> > ------ Original Message ------
> > Received: 10:48 AM EST, 01/09/2015
> > From: "Wayne Bowyer wayne.bowyer@... [ic706]" <
> ic706@yahoogroups.com>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE
> Center
> >
> > > Yes!
> > > N1EQ has worked on my 706G twice in the past for me and has provided
> > > excellent service both in cost and turnaround.
> > >
> > > http://www.n1eq.com/
> > >
> > > 73's
> > > Wayne
> > > n4eyz
> > >
> > >
> > > On Fri, Jan 9, 2015 at 10:21 AM, 'LARRY J. FORD' lford@...
> [ic706] <
> > > ic706@yahoogroups.com> wrote:
> > >

> > > >
> > > >
> > > > Are there any "independent" repair shops(i.e., one that IS NOT an
> > > > authorized
> > > > ICOM Service Center), particularly on the east coast/central USA,
> that
> > can
> > > > repair an ICOM IC-706MKII that folks recommend, have good experience
> > with?
> > > >
> > > > Thanks.
> > > >
> > > > Larry J. Ford
> > > > K4AEC
> > > >
> > > >
> > > >
> > > >
> > >
> >
> >
> >
>
>
>

# 21295. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 15:26:47 UTC
From: Shaun
Topic: 21288  Message: 21295

On Fri, 9 Jan 2015, 'LARRY J. FORD' lford@... [ic706] wrote:

> Are there any "independent" repair shops(i.e., one that IS NOT an authorized
> ICOM Service Center), particularly on the east coast/central USA, that can
> repair an ICOM IC-706MKII that folks recommend, have good experience with?

You might check with B & H Sales in Derby, Kansas. Be aware, though,
that they can be a bit slow, as their tech, Carl, is not full-time. He
works there as a sideline. Their website is
http://www.hamradiocenter.biz/ and their phone# is 316-788-4225. They
are an excellent shop, and I'm in there at least every other week
chatting and browsing the latest goodies to come in.

--Shaun, k0per

# 21296. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 17:41:30 UTC
From: Dave Hollander
Topic: 21288  Message: 21296

Hi Larry - You might try

MTS
Scott Malcom
5130 Jackson Hwy
Toledo, WA 98591

mts@...

I believe he is an ex-Icom guy but not sure.

He came highly recommended to me by over a dozen people in my two radio clubs.
I actually found the problem with my IC-706MKII control head myself (I was lucky) but he was very responsive and helpful
in the 4 e-mails we exchanged.

Good Luck!

73,

Dave N7RK

# 21297. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-09 17:43:09 UTC
From: Dave Hollander
Topic: 21288  Message: 21297

Hi again Larry - here is a review of MTS from e-ham. Looks pretty darn good.

http://www.eham.net/reviews/detail/1786

73,

Dave N7RK

# 21298. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-12 01:53:11 UTC
From: LARRY J. FORD
Topic: 21288  Message: 21298

Thanks.

I have sent an e-mail.

LJF
K4AEC

------ Original Message ------
Received: 06:39 PM EST, 01/11/2015
From: "Dave Hollander n7rk@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

> Hi again Larry - here is a review of MTS from e-ham. Looks pretty darn
good.
>
>
> http://www.eham.net/reviews/detail/1786
>
>
> 73,
>
>
> Dave N7RK
>

# 21299. The MDSR Team releases MDSR V3.0

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-14 19:36:10 UTC
From: alexschwarz237@...
Topic: 21299  Message: 21299

Hi Everybody;

It is almost a year since the last full version of the MDSR software was released. Now the MDSR team has worked hard to update the DSP engine and to make the software even more versatile. The new audio DSP engine now runs 100% on Java. Experiments on Raspberry PI are already on the way to extend the platforms MDSR can run on.

With this new version of the MDSR software upgrading your existing analog transceiver to an IF-DSP is even easier.

The new version is again free of charge for the HAM community. It and instructions on how to build a LIF or BiLIF converter are on our site in PDF documents. As well as the documentation on how to connect your transceiver and the computer together can also be found on the MDSR website.

Please Note: All information on this website is free and everybody is allowed to use this information to enhance her/his station.

For HAM radio operators that do not have the time to build their own interface we do have kits available. Please see the website for more details. We also can assemble and test these kits for you!

Our website:
http://users.skynet.be/myspace/mdsr

Our Yahoo user group:
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

All the best and 73;

The MDSR Team
Alex / VE7DXW

# 21300. New to the group

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-17 11:22:29 UTC
From: davel8312005@...
Topic: 14380  Message: 21300

Hi all
I am new to the group so I thought I would say hi. CW op mainly using a icom 706 mk2 with a long wire.

Any tips or advice would be great as I am also new to the icom 706 as a cw radio.

73 Dave M0GGK

# 21301. 706 as CW Radio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-18 17:33:54 UTC
From: Dennis W0JX
Topic: 21301  Message: 21301

The 706 is a fairly good CW radio if equipped with a good CW filter and the DSP unit.

I use my 706MK2G for mobile CW on 40 thru 10. I have the 350 Hz filter which is just about right and the DSP unit. I think the 500 Hz is a little to wide. The main weakness of the 706 is the noise blanker which does a good job on ignition noise but the radio distorts in the presence of very strong signals.

73, Dennis W0JX

_____

---

# 21302. Re: [ic706] 706 as CW Radio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-18 19:20:49 UTC
From: John Geiger
Topic: 21301  Message: 21302

My observations are about the same, except I have the 706 original, so no DSP unit in it, but use the 350hz CW filter both as a base rig and mobile. I didn't find the DSP in the later model 706s to really make that much of a different. Unfortunately the DSP unit doesn't contain bandpass filtering like the Yaesu DSP does in the FT100/857/897. You can't use the autonotch on CW in the Icom 706 either, so about all you get is noise reduction, which helps a little but it not that big of a deal on CW. The narrow filter helps much more.

73 John AF5CC

On Sun, Jan 18, 2015 at 11:33 AM, Dennis W0JX w0jx@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> The 706 is a fairly good CW radio if equipped with a good CW filter and
> the DSP unit.

>
> I use my 706MK2G for mobile CW on 40 thru 10. I have the 350 Hz filter

> which is just about right and the DSP unit. I think the 500 Hz is a little
> to wide. The main weakness of the 706 is the noise blanker which does a
> good job on ignition noise but the radio distorts in the presence of very
> strong signals.
>
> 73, Dennis W0JX
>
> ------------------------------------------------------------
>
> ------------------------------------------------------------
>
>
>
>

# 21303. RE: [ic706] Digest Number 3750

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-19 20:36:22 UTC
From: Charlie Rubenstein
Topic: 21303  Message: 21303

Make that 3 recommendations for the 350hz filter. I operate it on CW with remoterig from my Florida QTH.

Charlie KB8CR

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

At Jan 19, 2015, 4:09:29 AM, ic706@yahoogroups.com<'ic706@yahoogroups.com'> wrote:

iCOM 706 User Forum

(https://groups.yahoo.com/neo;_ylc=X3oDMTJkbmRxNHBvBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIxNjU4NTY5)

iCOM 706 User Forum Group
(https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJkOTVxb25nBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNoZHIEc2xrA2hwaARzdGltZQMxNDIxNjU4NTY5)

2
Messages

Digest #3750

1a

706 as CW Radio

by
"Dennis W0JX"
w0jx

1b

Re: 706 as CW Radio

by
"John Geiger"
af5cc

Messages

1a

706 as CW Radio
(https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21301;_ylc=X3oDMTJyOWs3djU4BF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAxBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjE2NTg1Njk-)

Sun Jan 18, 2015 9:33 am (PST) . Posted by:

"Dennis W0JX" w0jx

The 706 is a fairly good CW radio if equipped with a good CW filter and the DSP unit.

I use my 706MK2G for mobile CW on 40 thru 10. I have the 350 Hz filter which is just about right and the DSP unit. I think the 500 Hz is a little to wide. The main weakness of the 706 is the noise blanker which does a good job on ignition noise but the radio distorts in the presence of very strong signals.

73, Dennis W0JX

---------- --------- --------- --------- --------- --------- –

---------- --------- --------- --------- --------- --------- -

Reply to sender

.

Reply to group

.

Reply via Web Post

(https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21301;_ylc=X3oDMTJycTFvcWZnBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAxBHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzE0MjE2NTg1Njk-?act=reply&messageNum=21301)

.

All Messages (2)

(https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21301;_ylc=X3oDMTM3dnBoMXNwBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAxBHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzE0MjE2NTg1NjkEdHBjSWQDMjEzMDE-)

.

Top ^

1b

Re: 706 as CW Radio
(https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21302;_ylc=X3oDMTJybzNybDNrBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAyBHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzE0MjE2NTg1Njk-)

Sun Jan 18, 2015 4:25 pm (PST) . Posted by:

"John Geiger" af5cc

My observations are about the same, except I have the 706 original, so no

DSP unit in it, but use the 350hz CW filter both as a base rig and mobile.

I didn't find the DSP in the later model 706s to really make that much of a

different. Unfortunately the DSP unit doesn't contain bandpass filtering like the Yaesu DSP does in the FT100/857/897. You can't use the autonotch on CW in the Icom 706 either, so about all you get is noise reduction, which helps a little but it not that big of a deal on CW. The narrow filter helps much more.

73 John AF5CC

On Sun, Jan 18, 2015 at 11:33 AM, Dennis W0JX w0jx@yahoo.com [ic706] <ic706@yahoogroups.com> wrote:

>
>
> The 706 is a fairly good CW radio if equipped with a good CW filter and
> the DSP unit.
>
> I use my 706MK2G for mobile CW on 40 thru 10. I have the 350 Hz filter
> which is just about right and the DSP unit. I think the 500 Hz is a little
> to wide. The main weakness of the 706 is the noise blanker which does a
> good job on ignition noise but the radio distorts in the presence of very
> strong signals.
>
> 73, Dennis W0JX
>
> ____________ _________ _________ _________ _________ _________ _
>
> ------------ --------- --------- --------- --------- --------- -
>
>
>
>

Reply to sender

.

Reply to group

.

Reply via Web Post

(https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21302;_ylc=X3oDMTJyaGFsNDN2BF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAyBHNlYwNkbXNnBHNsawNycGx5BHN0aW1lAzE0MjE2NTg1Njk-?act=reply&messageNum=21302)

.

All Messages (2)

(https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21301;_ylc=X3oDMTM3NHM4Y2o5BF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzAyBHNlYwNkbXNnBHNsawN2dHBjBHN0aW1lAzE0MjE2NTg1NjkEdHBjSWQDMjEzMDE-)

.

Top ^

Visit Your Group (https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlcjRtbmh0BF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMTY1ODU2OQ--)

-
New Members (https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJma3Fobmg1BF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjE2NTg1Njk-)
1

(https://groups.yahoo.com/neo;_ylc=X3oDMTJkbmRxNHBvBF9TAzk3MzU5NzE1BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIxNjU4NTY5)

• Privacy (https://info.yahoo.com/privacy/us/yahoo/groups/details.html) • Unsubscribe • Terms of Use (https://info.yahoo.com/legal/us/yahoo/utos/terms/)

# 21304. Re: [ic706] 706 as CW Radio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-19 21:28:27 UTC
From: steve schumm
Topic: 21301  Message: 21304

Hi _ I have  the 706MK2G, I have the 250 cycle CW filter with the bandpass control. Only in my home, no mobile work..When i use the 2-together, it provides excellent results, on very weak signals when adjusted poperly, it evens peaks the audio and may make the weak cw signal sound a bit stronger. I do not use the DSP unit, so cannot comment..73-Steve---WB2OEE

On Sunday, January 18, 2015 12:33 PM, "Dennis W0JX w0jx@... [ic706]" <ic706@yahoogroups.com> wrote:

  The 706 is a fairly good CW radio if equipped with a good CW filter and the DSP unit.

I use my 706MK2G for mobile CW on 40 thru 10. I have the 350 Hz filter which is just about right and the DSP unit. I think the 500 Hz is a little to wide. The main weakness of the 706 is the noise blanker which does a good job on ignition noise but the radio distorts in the presence of very strong signals.

73, Dennis W0JX

------------------------------------------------------------

---

# 21305. Re: 706 as CW Radio - Blankers

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-21 18:35:06 UTC
From: noskosteve@...
Topic: 21301  Message: 21305

RE: Noise Blanker.
..
A note in general.
I haven't been able to find out just how these noise blankers work on modern rigs. It's all software these days, but...
Original, highly effective "analog" noise blankers actually used another receiver. It was rather broad band and 'listened' out of band and was not as sensitive as the main receiver. They were intended only to pickup short ignition noise pulses.
..
Because the blanker IF had a wider bandwidth, it had less delay through it. The impulse that came through the secondary receiver was used to blank, or kill the main receiver gain early in the IF so the impulse didn't even make it to the narrow IF filter. Everything was designed only for the short impulses.
..
Narrow filters have a longer reaction time and would actually lengthen the pulse on its output and make it sound worse, so keeping the impulse out of the filter in the first place made an impressive silencer.
..
They were not made for any other kind of unwanted noise. I've seen comments on how ineffective they are on general noise, obviously because the term noise "blanker" is new to many and misunderstood.
..
These blankers seem to operate similarly, but if a strong signal gets into the secondary chanel, it can mess up the main channel. The poor strong-signal performance is most likely related to that.
--
73, Steve, K9DCI

# 21306. MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-21 18:52:42 UTC
From: ve3fmc@...
Topic: 21306  Message: 21306

Hello All

I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.

I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.

Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.

Thanks
Rick VE3FMC

# 21307. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 05:15:36 UTC
From: LARRY J. FORD
Topic: 21306  Message: 21307

Isn't that what in-line fuses are for? Can't say I have heard of any similar reports.

K4AEC

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 11:55 PM EST, 01/21/2015
From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] MOBILE ICOM 706MKII

> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

# 21308. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 06:15:38 UTC
From: Tony
Topic: 21306  Message: 21308

The starter can drop the battery voltage below the minimum operation limit and can cause large spikes on the line.

I don’t know about the 706 but the low voltage has been known to change settings on some rigs.

Its best to turn the rig off while starting the vehicle.

You could put a relay with a voltage sensor circuit to automatically shut the rig off while starting. Don’t know anyone who has done that but it should be simple enough to do.

Tony

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Wednesday, January 21, 2015 12:53 PM
To: ic706@yahoogroups.com
Subject: [ic706] MOBILE ICOM 706MKII

Hello All

I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.

I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.

Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.

Thanks
Rick VE3FMC

# 21309. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 06:55:53 UTC
From: kg4mlo@...
Topic: 21306  Message: 21309

The question is leaving power cord hooked up...not leaving radio on. I have had my MKII in my '94 Bronco since vehicle was new. Never have disconnected power. Beware however the radio may be unusable with engine running due to fuel pump noise. I do have this problem. Fords are notorious for this.

Ron KG4MLO

# 21310. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:20:20 UTC
From: Mark Brueggemann
Topic: 21306  Message: 21310

From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>

> having the power cord connected to the radio when the truck
> starts up can cause voltage spikes to cause damage to the radio.

Probably referring to this:

<http://www.eham.net/articles/12358>

I have no idea how pervasive it is, but you don't hear many users complaining about in on various forums.

Mark K5LXP
Albuquerque, NM

---

Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.

Thanks
Rick VE3FMC

# 21311. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 13:17:00 UTC
From: Ralph Mowery
Topic: 21306  Message: 21311

I have been using mobiles in a car from around 1970 with CB radios and many different 2 meter FM rigs.  They were almost always connected so they would come on when the car was started.  Never had a rig fail.
The 'problem' is suspose to be high voltage spikes from the starter.  I won't say it will not cause a problem with a rig, but I have never had one fail.  An inline fuse will not catch a high voltage spike.  There are some low voltage surge supressors that can be installed if one wants to.  They go in parallel with the rig.

From: "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Thursday, January 22, 2015 12:15 AM
Subject: Re: [ic706] MOBILE ICOM 706MKII

Isn't that what in-line fuses are for?  Can't say I have heard of any similar reports.

K4AEC

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 11:55 PM EST, 01/21/2015
From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] MOBILE ICOM 706MKII

> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

# 21312. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:35:30 UTC
From: VE3FMC
Topic: 21306  Message: 21312

Thanks Mark. I did have a user tell me he had an issue with his 706 but
maybe he had left the radio on when he shut the vehicle off.
73 Rick VE3FMC
On 22/01/2015 6:20 AM, Mark Brueggemann qrq_cw@... [ic706] wrote:
>
>
>
> From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
>
> > having the power cord connected to the radio when the truck
> > starts up can cause voltage spikes to cause damage to the radio.
>
> Probably referring to this:
>
> <http://www.eham.net/articles/12358>
>
> I have no idea how pervasive it is, but you don't hear many users
> complaining about in on various forums.
>
> Mark K5LXP
> Albuquerque, NM
>
> _____

>
> Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

# 21313. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:39:51 UTC
From: VE3FMC
Topic: 21306  Message: 21313

Hi Ron

I did a quick fuel pump test as my 706 came with a cigarette lighter plug on it. So I just plugged it into the acc outlet and did not notice

any noise when first turning the key on which would activate the pump. I did have noise when the truck was running. But when the RPM's reached 1600 RPM the noise died down. Strange!
Someone told me they lost all power in the radio after starting their vehicle up, had to send it to Icom for repair. But maybe he left the radio on before he shut the vehicle off.
I had 4 other replies and no one seemed to know of any issues that I mentioned.
Thanks Ron
73 Rick
On 22/01/2015 1:55 AM, kg4mlo@... [ic706] wrote:
>
> The question is leaving power cord hooked up...not leaving radio on. I
> have had my MKII in my '94 Bronco since vehicle was new. Never have
> disconnected power. Beware however the radio may be unusable with
> engine running due to fuel pump noise. I do have this problem. Fords
> are notorious for this.
>
> Ron KG4MLO
>
>

# 21314. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:41:14 UTC
From: VE3FMC
Topic: 21306  Message: 21314

Hi Tony

I have a ham buddy who installs radios in big rigs for a living and he said we could put the voltage relay at the battery if I want that option.
Thanks
Rick
On 22/01/2015 1:15 AM, 'Tony' tony@... [ic706] wrote:
>
> The starter can drop the battery voltage below the minimum operation

> limit and can cause large spikes on the line.
>
> I don’t know about the 706 but the low voltage has been known to
> change settings on some rigs.
>
> Its best to turn the rig off while starting the vehicle.
>
> You could put a relay with a voltage sensor circuit to automatically
> shut the rig off while starting. Don’t know anyone who has done that
> but it should be simple enough to do.
>
> Tony
>
> *From:*ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> *Sent:* Wednesday, January 21, 2015 12:53 PM
> *To:* ic706@yahoogroups.com
> *Subject:* [ic706] MOBILE ICOM 706MKII
>
>
>
> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and
> the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the
> truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

>
>
>

# 21315. Re: MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:55:05 UTC
From: ve3fmc@...
Topic: 21306  Message: 21315

This is the article that I read the info with regards to the problem with the 706 in a mobile setup.

Icom 706 -- Major Defect Found! http://www.eham.net/articles/12358

# 21316. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 11:42:51 UTC
From: VE3FMC
Topic: 21306  Message: 21316

Thanks Larry, this is where I read about the issue.
http://www.eham.net/articles/12358
Rick
On 22/01/2015 12:15 AM, 'LARRY J. FORD' lford@... [ic706] wrote:
>
> Isn't that what in-line fuses are for? Can't say I have heard of any
> similar
> reports.
>
> K4AEC
>
> Larry J Ford
>
> Sent from my mobile phone; please excuse errors in grammar & spelling.
>
> ------ Original Message ------
> Received: 11:55 PM EST, 01/21/2015
> From: "ve3fmc@bell.net [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] MOBILE ICOM 706MKII
>
> > Hello All
> > >
> > > I have an Icom 706MKII that I bought last week. Nice little radio
> and the
> plan is to install it in a 2010 F-150.
> > >
> > > I was told that having the power cord connected to the radio when
> the truck
> starts up can cause voltage spikes to cause damage to the radio.
> > >
> > > Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.

> > >
> > > Thanks
> > > Rick VE3FMC
> > >
> > >
>
>

# 21317. Re: MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 12:49:29 UTC
From: kb8cmw@...
Topic: 21306  Message: 21317

I run 706 in Honda Pilot with no problem.
I would leave it off before I started vehicle.

Paul KB8CMW

# 21318. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 13:52:20 UTC
From: <awaschka@...>
Topic: 21306  Message: 21318

The radio will fail to protect the fuse. Semiconductor junction punchthrough due to voltage spikes happens in micor- or milli-seconds. The fuse cant fail that fast and the current may not be enough to blow the fuse anyway.

Al

Sent from Windows Mail

From: VE3FMC ve3fmc@bell.net [ic706]
Sent: ☐Thursday☐, ☐January☐ ☐22☐, ☐2015 ☐6☐:☐42☐ ☐AM
To: ic706@yahoogroups.com

Thanks Larry, this is where I read about the issue.
http://www.eham.net/articles/12358
Rick

On 22/01/2015 12:15 AM, 'LARRY J. FORD' lford@usa.net [ic706] wrote:

Isn't that what in-line fuses are for? Can't say I have heard of any similar reports.

K4AEC

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 11:55 PM EST, 01/21/2015
From: "ve3fmc@bell.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] MOBILE ICOM 706MKII

> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

# 21319. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 14:55:42 UTC
From: Rich Bauer
Topic: 21306  Message: 21319

my 706mkIIg has been connected directly to the battery since I purchased it many years ago. no issues. but I don't start the engine with the radio on.

'73,
rich, n9dko
Good judgment comes from experience and experience, well that comes from poor judgment.

---

Hello All

I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.
I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.
Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.

Thanks
Rick VE3FMC

# 21320. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 13:58:09 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21306  Message: 21320

One reason to connect the radio directly to the battery. A battery is certainly a good filter. Additionally, use a "ChargeGuard" with your radio. It will do a couple of things. The radio(s) will stay powered off until after the vehicle has started. It will also give you a timer that will power off your radio after a time setting. Then you won't need to worry about leaving your radio on and having a dead battery. And along that line, if the battery voltage goes to low, it will power off the radio. Been using them for years.

Mick - W7CAT

----- Original Message -----
From: "'Tony' tony@... [ic706]"
To:
Sent: Wednesday, January 21, 2015 11:15:38 PM
Subject: RE: [ic706] MOBILE ICOM 706MKII

> The starter can drop the battery voltage below the minimum operation limit and can cause large spikes on the line.
>
>
>
> I don’t know about the 706 but the low voltage has been known to change settings on some rigs.
>
>
>
> Its best to turn the rig off while starting the vehicle.
>
>
>
> You could put a relay with a voltage sensor circuit to automatically shut the rig off while starting. Don’t know anyone who has done that but it should be simple enough to do.
>
>
>
> Tony
>
>
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Wednesday, January 21, 2015 12:53 PM
> To: ic706@yahoogroups.com

> Subject: [ic706] MOBILE ICOM 706MKII
>
>
>
>
>
> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and
the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the
truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what
precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>
>
>
>
>
>
>
>
>
>

--
Untitled Document

Be sure to check out all the latest at our web site
<http://www.wyocat.com/tarra>and look at our repeater sites
<http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>

# 21321. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 13:54:37 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21306  Message: 21321

NO! Fuses are for over current. Nothing to do with spike suppression.

Mick - W7CAT

----- Original Message -----
From: "'LARRY J. FORD' lford@... [ic706]"
To:
Sent: Wednesday, January 21, 2015 10:15:36 PM
Subject: Re: [ic706] MOBILE ICOM 706MKII

> Isn't that what in-line fuses are for? Can't say I have heard of any
similar
> reports.
>
> K4AEC
>
> Larry J Ford
>
> Sent from my mobile phone; please excuse errors in grammar & spelling.
>
>
> ------ Original Message ------
> Received: 11:55 PM EST, 01/21/2015
> From: "ve3fmc@... [ic706]"
> To: ic706@yahoogroups.com
> Subject: [ic706] MOBILE ICOM 706MKII
>
> > Hello All
> >
> > I have an Icom 706MKII that I bought last week. Nice little radio
and the
> plan is to install it in a 2010 F-150.
> >
> > I was told that having the power cord connected to the radio when
the truck
> starts up can cause voltage spikes to cause damage to the radio.
> >
> > Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
> >
> > Thanks
> > Rick VE3FMC
> >
> >
>
>

>

--
Untitled Document

Be sure to check out all the latest at our web site
<http://www.wyocat.com/tarra>and look at our repeater sites
<http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>

# 21322. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 15:18:55 UTC
From: Joe
Topic: 21306  Message: 21322

Same here. I would bet money that the vehicles that have had problems run much higher voltage than 13.8. My dual-battery F250 diesel runs a little high (14.2), but as you approach the max cap voltage, these things will happen. Add heat + time, and well, swollen caps would be expected. I've personally seen vehicles with over 15v out of the alt. I have a full-time voltage gauge in my truck to keep an eye on these things. Usually, it tells me we'll ahead of time of upcoming battery or alt failures.

Joe,
N3JI

Sent from my Verizon Wireless 4G LTE smartphone

-------- Original message --------
From: "Ralph Mowery ku4pt@yahoo.com [ic706]" <ic706@yahoogroups.com>
Date: 01/22/2015 07:17 (GMT-06:00)
To: ic706@yahoogroups.com
Subject: Re: [ic706] MOBILE ICOM 706MKII

I have been using mobiles in a car from around 1970 with CB radios and many different 2 meter FM rigs. They were almost always connected so they would come on when the car was started. Never had a rig fail.

The 'problem' is suspose to be high voltage spikes from the starter. I won't say it will not cause a problem with a rig, but I have never had one fail. An inline fuse will not catch a high voltage spike.
There are some low voltage surge supressors that can be installed if one wants to. They go in parallel with the rig.

From: "'LARRY J. FORD' lford@usa.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Thursday, January 22, 2015 12:15 AM
Subject: Re: [ic706] MOBILE ICOM 706MKII

Isn't that what in-line fuses are for? Can't say I have heard of any similar reports.

K4AEC

Larry J Ford

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 11:55 PM EST, 01/21/2015
From: "ve3fmc@bell.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] MOBILE ICOM 706MKII

> Hello All
>
> I have an Icom 706MKII that I bought last week. Nice little radio and the plan is to install it in a 2010 F-150.
>
> I was told that having the power cord connected to the radio when the truck starts up can cause voltage spikes to cause damage to the radio.
>
> Just wondering if anyone here has experienced that, and if not what precautions did you take to protect the radio.
>
> Thanks
> Rick VE3FMC
>
>

# 21323. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 15:44:52 UTC
From: LARRY J. FORD
Topic: 21306  Message: 21323

Now it appears that the "problem" is if the radio is left "ON" when the vehicle is started, which I may have missed in the original posting.

Not familiar with the "ChargeGuard," but if the issue is causing someone sufficient concern, then MFJ sells a relay designed to protect the radio:

http://www.mfjenterprises.com/Product.php?productid=MFJ-4402

"A built-in surge protection diode reduces the chance a high voltage spike will damage your rig due to an alternator failure or jumping off from other vehicles, and it has reverse polarity protection.

MFJ-4402 will cut your rig off if the voltage gets too low for proper vehicle operation.

A delay timer, which is controlled off of the ignition sense line insures that your rig doesn’t turn on until the vehicle starts up and a normal voltage is reached."

A little pricey, IMHO, and someone's who's handy enough with a soldering iron and basic circuit design could DIY for a lot less probably.

I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM Go Box" that I bought from Phil Salas, and it provides a bank of capacitors with 4 Farads of capacitance, and a relay to "buffer" the radio from the vehicle power.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:06 AM EST, 01/22/2015
From: "Teton Amateur Radio Repeater Association tarra@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: RE: [ic706] MOBILE ICOM 706MKII

> One reason to connect the radio directly to the battery. A battery is
> certainly a good filter. Additionally, use a "ChargeGuard" with your
> radio. It will do a couple of things. The radio(s) will stay powered off
> until after the vehicle has started. It will also give you a timer that
> will power off your radio after a time setting. Then you won't need to
> worry about leaving your radio on and having a dead battery. And along
> that line, if the battery voltage goes to low, it will power off the
> radio. Been using them for years.
>
>

> Mick - W7CAT
>
>
> ----- Original Message -----
> From: "'Tony' tony@... [ic706]"
> To:
> Sent: Wednesday, January 21, 2015 11:15:38 PM
> Subject: RE: [ic706] MOBILE ICOM 706MKII
>
>
> > The starter can drop the battery voltage below the minimum operation
> limit and can cause large spikes on the line.
> >
> >
> >
> > I don’t know about the 706 but the low voltage has been known to
> change settings on some rigs.
> >
> >
> >
> > Its best to turn the rig off while starting the vehicle.
> >
> >
> >
> > You could put a relay with a voltage sensor circuit to automatically
> shut the rig off while starting. Don’t know anyone who has done that but
> it should be simple enough to do.
> >
> >
> >
> > Tony
> >
> >
> >
> >
> >
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > Sent: Wednesday, January 21, 2015 12:53 PM
> > To: ic706@yahoogroups.com
> > Subject: [ic706] MOBILE ICOM 706MKII
> >
> >
> >
> >
> >
> > Hello All
> >
> > I have an Icom 706MKII that I bought last week. Nice little radio and
> the plan is to install it in a 2010 F-150.
> >

> > I was told that having the power cord connected to the radio when the
> truck starts up can cause voltage spikes to cause damage to the radio.
> >
> > Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
> >
> > Thanks
> > Rick VE3FMC
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
>
>
> --
> Untitled Document
>
>
> Be sure to check out all the latest at our web site
> <http://www.wyocat.com/tarra>and look at our repeater sites
> <http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>
>
>
>
>
>
>
>

# 21324. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 15:55:18 UTC
From: <awaschka@...>
Topic: 21306  Message: 21324

If I remember correctly, the power switch does not remove power from the final transistors. They are always powered on, so if there is a spike on the 12V line, it will go to the finals whether the radio is on or not.

The mechanism is called “load dump” and is a primary specification for equipment installed in vehicles. The starter draws several hundred amps part of which is supplied by the alternator, part by the battery. When the solenoid opens, the current wants to keep flowing and the result is a large voltage spike. The battery does act as a pretty good filter and thus the reason to connect the radio directly to the battery. I have had multiple radios including a 706MkII connected directly to the battery with no issues, but I have also read about those who have had problems.

Al

Sent from Windows Mail

From: 'LARRY J. FORD' lford@usa.net [ic706]
Sent: ☐Thursday☐, ☐January☐ ☐22☐, ☐2015 ☐10☐:☐44☐ ☐AM
To: ic706@yahoogroups.com

Now it appears that the "problem" is if the radio is left "ON" when the vehicle is started, which I may have missed in the original posting.

Not familiar with the "ChargeGuard," but if the issue is causing someone sufficient concern, then MFJ sells a relay designed to protect the radio:

http://www.mfjenterprises.com/Product.php?productid=MFJ-4402

"A built-in surge protection diode reduces the chance a high voltage spike will damage your rig due to an alternator failure or jumping off from other vehicles, and it has reverse polarity protection.

MFJ-4402 will cut your rig off if the voltage gets too low for proper vehicle operation.

A delay timer, which is controlled off of the ignition sense line insures that your rig doesn’t turn on until the vehicle starts up and a normal voltage is reached."

A little pricey, IMHO, and someone's who's handy enough with a soldering iron and basic circuit design could DIY for a lot less probably.

I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM Go Box" that I bought from Phil Salas, and it provides a bank of capacitors with 4 Farads of capacitance, and a relay to "buffer" the radio from the vehicle power.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:06 AM EST, 01/22/2015
From: "Teton Amateur Radio Repeater Association tarra@wyocat.com [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: RE: [ic706] MOBILE ICOM 706MKII

> One reason to connect the radio directly to the battery. A battery is
> certainly a good filter. Additionally, use a "ChargeGuard" with your
> radio. It will do a couple of things. The radio(s) will stay powered off
> until after the vehicle has started. It will also give you a timer that
> will power off your radio after a time setting. Then you won't need to
> worry about leaving your radio on and having a dead battery. And along
> that line, if the battery voltage goes to low, it will power off the
> radio. Been using them for years.
>
>
> Mick - W7CAT
>
>
> ----- Original Message -----
> From: "'Tony' tony@K5TWZ.com [ic706]"
> To:
> Sent: Wednesday, January 21, 2015 11:15:38 PM
> Subject: RE: [ic706] MOBILE ICOM 706MKII
>
>
> > The starter can drop the battery voltage below the minimum operation
> limit and can cause large spikes on the line.
> >
> >
> >
> > I don’t know about the 706 but the low voltage has been known to
> change settings on some rigs.
> >
> >
> >
> > Its best to turn the rig off while starting the vehicle.
> >
> >
> >
> > You could put a relay with a voltage sensor circuit to automatically
> shut the rig off while starting. Don’t know anyone who has done that but
> it should be simple enough to do.
> >
> >
> >
> > Tony
> >

> >
> >
> >
> >
> > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > Sent: Wednesday, January 21, 2015 12:53 PM
> > To: ic706@yahoogroups.com
> > Subject: [ic706] MOBILE ICOM 706MKII
> >
> >
> >
> >
> >
> > Hello All
> >
> > I have an Icom 706MKII that I bought last week. Nice little radio and
> the plan is to install it in a 2010 F-150.
> >
> > I was told that having the power cord connected to the radio when the
> truck starts up can cause voltage spikes to cause damage to the radio.
> >
> > Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
> >
> > Thanks
> > Rick VE3FMC
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
>
>
> --
> Untitled Document
>
>
> Be sure to check out all the latest at our web site
> <http://www.wyocat.com/tarra>and look at our repeater sites
> <http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>
>
>
>
>

>
>
>

# 21325. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 16:07:29 UTC
From: LARRY J. FORD
Topic: 21306  Message: 21325

I read the e-Ham article that apparently started this thread, and the author claimed that attaching the power feed lines directly to the battery did not solve the issue, as you describe.

Perhaps adding capacitor/s to the power lines in addition to the in-line fuses would be additional "insurance?"

Larry J. Ford
K4AEC

------ Original Message ------
Received: 11:02 AM EST, 01/22/2015
From: "awaschka@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] MOBILE ICOM 706MKII

> If I remember correctly, the power switch does not remove power from the final transistors. They are always powered on, so if there is a spike on the 12V line, it will go to the finals whether the radio is on or not.
>
>
> The mechanism is called “load dump” and is a primary specification for equipment installed in vehicles. The starter draws several hundred amps part of which is supplied by the alternator, part by the battery. When the solenoid opens, the current wants to keep flowing and the result is a large voltage spike. The battery does act as a pretty good filter and thus the reason to connect the radio directly to the battery. I have had multiple radios including a 706MkII connected directly to the battery with no issues, but I have also read about those who have had problems.
>
>
> Al
>
>
>
>
>
>
>
>
>
> Sent from Windows Mail
>
>
>
>

>
> From: 'LARRY J. FORD' lford@... [ic706]
> Sent: □Thursday□, □January□ □22□, □2015 □10□:□44□
□AM
> To: ic706@yahoogroups.com
>
>
>
>
>
>
>
>
>
> Now it appears that the "problem" is if the radio is left "ON" when the
> vehicle is started, which I may have missed in the original posting.
>
> Not familiar with the "ChargeGuard," but if the issue is causing someone
> sufficient concern, then MFJ sells a relay designed to protect the radio:
>
> http://www.mfjenterprises.com/Product.php?productid=MFJ-4402
>
> "A built-in surge protection diode reduces the chance a high voltage spike
> will damage your rig due to an alternator failure or jumping off from other
> vehicles, and it has reverse polarity protection.
>
> MFJ-4402 will cut your rig off if the voltage gets too low for proper
vehicle
> operation.
>
> A delay timer, which is controlled off of the ignition sense line insures
that
> your rig doesn’t turn on until the vehicle starts up and a normal voltage
is
> reached."
>
> A little pricey, IMHO, and someone's who's handy enough with a soldering
iron
> and basic circuit design could DIY for a lot less probably.
>
> I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM Go Box"
> that I bought from Phil Salas, and it provides a bank of capacitors with 4
> Farads of capacitance, and a relay to "buffer" the radio from the vehicle
> power.
>
> Larry J. Ford
> K4AEC
>
> ------ Original Message ------
> Received: 10:06 AM EST, 01/22/2015

> From: "Teton Amateur Radio Repeater Association tarra@... [ic706]"
> <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] MOBILE ICOM 706MKII
>
> > One reason to connect the radio directly to the battery. A battery is
> > certainly a good filter. Additionally, use a "ChargeGuard" with your
> > radio. It will do a couple of things. The radio(s) will stay powered off
> > until after the vehicle has started. It will also give you a timer that
> > will power off your radio after a time setting. Then you won't need to
> > worry about leaving your radio on and having a dead battery. And along
> > that line, if the battery voltage goes to low, it will power off the
> > radio. Been using them for years.
> >
> >
> > Mick - W7CAT
> >
> >
> > ----- Original Message -----
> > From: "'Tony' tony@... [ic706]"
> > To:
> > Sent: Wednesday, January 21, 2015 11:15:38 PM
> > Subject: RE: [ic706] MOBILE ICOM 706MKII
> >
> >
> > > The starter can drop the battery voltage below the minimum operation
> > limit and can cause large spikes on the line.
> > >
> > >
> > >
> > > I don’t know about the 706 but the low voltage has been known to
> > change settings on some rigs.
> > >
> > >
> > >
> > > Its best to turn the rig off while starting the vehicle.
> > >
> > >
> > >
> > > You could put a relay with a voltage sensor circuit to automatically
> > shut the rig off while starting. Don’t know anyone who has done that but

> > it should be simple enough to do.
> > >
> > >
> > >
> > > Tony
> > >
> > >

> > >
> > >
> > >
> > > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > > Sent: Wednesday, January 21, 2015 12:53 PM
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] MOBILE ICOM 706MKII
> > >
> > >
> > >
> > >
> > >
> > > Hello All
> > >
> > > I have an Icom 706MKII that I bought last week. Nice little radio and
> > the plan is to install it in a 2010 F-150.
> > >
> > > I was told that having the power cord connected to the radio when the
> > truck starts up can cause voltage spikes to cause damage to the radio.
> > >
> > > Just wondering if anyone here has experienced that, and if not what
> > precautions did you take to protect the radio.
> > >
> > > Thanks
> > > Rick VE3FMC
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > --
> > Untitled Document
> >
> >
> > Be sure to check out all the latest at our web site
> > <http://www.wyocat.com/tarra>and look at our repeater sites
> > <http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>
> >
> >
> >
> >
> >

> >
> >
>
>
>

# 21326. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 16:47:59 UTC
From: Ralph Mowery
Topic: 21306  Message: 21326

Unlike many radios of years gone by, many rigs today do not disconnect from the power when cut off.  The switch only goes to a pin on the micro processor or other solid state device.  While in the off state, the rig is still mostly connected to the power source.

From: "'Rich Bauer' rk911@... [ic706]" <ic706@yahoogroups.com>
To: ic706@...m
Sent: Thursday, January 22, 2015 9:55 AM
Subject: RE: [ic706] MOBILE ICOM 706MKII

my 706mkIIg has been connected directly to the battery since I purchased it many years ago.  no issues.  but I don't start the engine with the radio on.

'73,
rich, n9dko
Good judgment comes from experience and experience, well that comes from poor judgment.

–

# 21327. Re: MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 16:55:45 UTC
From: ve3fmc@...
Topic: 21306  Message: 21327

OK thanks for the all the replies. I talked to a guy who installs radios for a living and he said he would not be too concerned. He can install the relay if need be. It appears that lots of guys have run that radio in their vehicles over the years and never had an issue.

Thanks, 73 to all Rick

# 21328. Re: [ic706] Re: MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 17:06:23 UTC
From: LARRY J. FORD
Topic: 21306  Message: 21328

Regarding the e-Ham article which prompted all this discussion, read the comments to that article, particularly the one by Alan Applegate, K0BG, who has one of the most comprehensive mobile radio websites on the Internet.

LJF
K4AEC

------ Original Message ------
Received: 11:56 AM EST, 01/22/2015
From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
To: <ic706@yahoogroups.com>
Subject: [ic706] Re: MOBILE ICOM 706MKII

> OK thanks for the all the replies. I talked to a guy who installs radios for a living and he said he would not be too concerned. He can install the relay if need be. It appears that lots of guys have run that radio in their vehicles over the years and never had an issue.
>
> Thanks, 73 to all Rick

# 21329. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-22 22:29:14 UTC
From: Jeff Moore
Topic: 21306  Message: 21329

That message thread on eHam is nearly 10 years old. That is approximately how long I've been actively monitoring this list and I've never seen or heard of this problem. I read through the entire thread on eHam and I find it interesting that outside of a couple of responders that had similar problems, no one else has experienced this problem. The OP ends the thread by stating that HE knows of 600 other owners that have had the issue. He doesn't provide any other proof of that statement and I suspect that it is grossly over-inflated.

This is obviously NOT a major defect in the 706 line or we would have heard volumes on this issue over the last 9 + years. I've heard not a peep! IF this was the alleged "Major Defect" that was asserted in the article in 2005, replacing those capacitors would be on every MOD list for the 706 series. I'm not seeing it!

Follow the manufacturers instructions for installing the radio - you should be fine. This falls into the category of "I heard it on the Internet - It must be true"

Apply a little common sense to the situation! One obscure 9 year old thread on a well known web site does NOT a "Major Defect" make!

7 3
Jeff Moore -- KE7ACY

On Thu, Jan 22, 2015 at 3:20 AM, Mark Brueggemann qrq_cw@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
>
>
> From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
>
> > having the power cord connected to the radio when the truck
> > starts up can cause voltage spikes to cause damage to the radio.
>
> Probably referring to this:
>
> <http://www.eham.net/articles/12358>
>
> I have no idea how pervasive it is, but you don't hear many users
> complaining about in on various forums.
>
> Mark K5LXP
> Albuquerque, NM

> 
> _____
> 
> Just wondering if anyone here has experienced that, and if not what
> precautions did you take to protect the radio.
> 
> Thanks
> Rick VE3FMC
> 
> 
> 

# 21330. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 00:07:52 UTC
From: LARRY J. FORD
Topic: 21306  Message: 21330

It's not unheard of for certain hams, presumably through their own superior technical expertise, to "discover" certain previously undiscovered "defects" etc., in products, and then post or publish self-laudatory articles attesting to the dire circumstances presented.

Not necessarily saying that's the case here, but the fact the author claims it's such a serious defect, yet so few reports of actual adverse incidents, makes one wonder.

LJF
K4AEC

------ Original Message ------
Received: 05:29 PM EST, 01/22/2015
From: "Jeff Moore tnetcenter@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] MOBILE ICOM 706MKII

> That message thread on eHam is nearly 10 years old. That is approximately
> how long I've been actively monitoring this list and I've never seen or
> heard of this problem. I read through the entire thread on eHam and I find
> it interesting that outside of a couple of responders that had similar
> problems, no one else has experienced this problem. The OP ends the
> thread by stating that HE knows of 600 other owners that have had the
> issue. He doesn't provide any other proof of that statement and I suspect
> that it is grossly over-inflated.
>
> This is obviously NOT a major defect in the 706 line or we would have heard
> volumes on this issue over the last 9 + years. I've heard not a peep! IF
> this was the alleged "Major Defect" that was asserted in the article in
> 2005, replacing those capacitors would be on every MOD list for the 706
> series. I'm not seeing it!
>
> Follow the manufacturers instructions for installing the radio - you should
> be fine. This falls into the category of "I heard it on the Internet -
> It must be true"
>
> Apply a little common sense to the situation! One obscure 9 year old
> thread on a well known web site does NOT a "Major Defect" make!
>
> 7 3
> Jeff Moore -- KE7ACY
>
> On Thu, Jan 22, 2015 at 3:20 AM, Mark Brueggemann qrq_cw@... [ic706]
<
> ic706@yahoogroups.com> wrote:

>
> >
> >
> >
> >
> > From: "ve3fmc@... [ic706]" <ic706@yahoogroups.com>
> >
> > > having the power cord connected to the radio when the truck
> > > starts up can cause voltage spikes to cause damage to the radio.
> >
> > Probably referring to this:
> >
> > <http://www.eham.net/articles/12358>
> >
> > I have no idea how pervasive it is, but you don't hear many users
> > complaining about in on various forums.
> >
> > Mark K5LXP
> > Albuquerque, NM
> >
> > _____
> >
> > Just wondering if anyone here has experienced that, and if not what
> > precautions did you take to protect the radio.
> >
> > Thanks
> > Rick VE3FMC
> >
> >
> >
>

# 21331. RE: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 01:23:33 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21306  Message: 21331

Here is one of the newer style ChargeGuard's they make:

http://www.havis.com/data/3-Power%20Management/Chargeguard/CG-0006-IS-E.pdf

<http://www.ebay.com/itm/Havis-Charge-Guard-12V-Auto-Timer-Switch-Safe-Inverter-Vehicle-Laptop-Battery-/271745496125?hash=item3f454b343d&vxp=mtr>

One of the options with this model, it will sense when there is AC on
the line, so it knows when the alternator has started working and then
it will turn on the load. Not going to turn on the load during starting.

I'm sure much better quality than anything MFJ would make. And for the
price, I wouldn't even bother to try to build one. I just bought a new
one last week for $15.

Mick - W7CAT

----- Original Message -----
From: "'LARRY J. FORD' lford@... [ic706]"
To:
Sent: Thursday, January 22, 2015 08:44:52 AM
Subject: RE: [ic706] MOBILE ICOM 706MKII

> Now it appears that the "problem" is if the radio is left "ON" when the
> vehicle is started, which I may have missed in the original posting.
>
> Not familiar with the "ChargeGuard," but if the issue is causing someone
> sufficient concern, then MFJ sells a relay designed to protect the
radio:
>
> http://www.mfjenterprises.com/Product.php?productid=MFJ-4402
>
> "A built-in surge protection diode reduces the chance a high voltage
spike
> will damage your rig due to an alternator failure or jumping off from
other
> vehicles, and it has reverse polarity protection.
>
> MFJ-4402 will cut your rig off if the voltage gets too low for proper
vehicle
> operation.
>
> A delay timer, which is controlled off of the ignition sense line
insures that
> your rig doesn’t turn on until the vehicle starts up and a normal
voltage is
> reached."

>
> A little pricey, IMHO, and someone's who's handy enough with a
soldering iron
> and basic circuit design could DIY for a lot less probably.
>
> I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM
Go Box"
> that I bought from Phil Salas, and it provides a bank of capacitors
with 4
> Farads of capacitance, and a relay to "buffer" the radio from the
vehicle
> power.
>
> Larry J. Ford
> K4AEC
>
> ------ Original Message ------
> Received: 10:06 AM EST, 01/22/2015
> From: "Teton Amateur Radio Repeater Association tarra@...
[ic706]"
>
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] MOBILE ICOM 706MKII
>
> > One reason to connect the radio directly to the battery. A battery is
> > certainly a good filter. Additionally, use a "ChargeGuard" with your
> > radio. It will do a couple of things. The radio(s) will stay
powered off
> > until after the vehicle has started. It will also give you a timer
that
> > will power off your radio after a time setting. Then you won't need to
> > worry about leaving your radio on and having a dead battery. And along
> > that line, if the battery voltage goes to low, it will power off the
> > radio. Been using them for years.
> >
> >
> > Mick - W7CAT
> >
> >
> > ----- Original Message -----
> > From: "'Tony' tony@... [ic706]"
> > To:
> > Sent: Wednesday, January 21, 2015 11:15:38 PM
> > Subject: RE: [ic706] MOBILE ICOM 706MKII
> >
> >
> > > The starter can drop the battery voltage below the minimum operation
> > limit and can cause large spikes on the line.
> > >
> > >

> > >
> > > I don’t know about the 706 but the low voltage has been known to
> > change settings on some rigs.
> > >
> > >
> > >
> > > Its best to turn the rig off while starting the vehicle.
> > >
> > >
> > >
> > > You could put a relay with a voltage sensor circuit to automatically
> > shut the rig off while starting. Don’t know anyone who has done
that but
> > it should be simple enough to do.
> > >
> > >
> > >
> > > Tony
> > >
> > >
> > >
> > >
> > >
> > > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > > Sent: Wednesday, January 21, 2015 12:53 PM
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] MOBILE ICOM 706MKII
> > >
> > >
> > >
> > >
> > >
> > > Hello All
> > >
> > > I have an Icom 706MKII that I bought last week. Nice little radio
and
> > the plan is to install it in a 2010 F-150.
> > >
> > > I was told that having the power cord connected to the radio when
the
> > truck starts up can cause voltage spikes to cause damage to the radio.
> > >
> > > Just wondering if anyone here has experienced that, and if not what
> > precautions did you take to protect the radio.
> > >
> > > Thanks
> > > Rick VE3FMC
> > >
> > >
> > >

> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > --
> > Untitled Document
> >
> >
> > Be sure to check out all the latest at our web site
> > and look at our repeater sites
> > ! IRLP Node 3464 <#>
> >
> >
> >
> >
> >
> >
> >
>
>
>

--
Untitled Document

Be sure to check out all the latest at our web site
<http://www.wyocat.com/tarra>and look at our repeater sites
<http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>

# 21332. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 01:27:23 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21306  Message: 21332

> The starter draws several hundred amps part of which is supplied by
> the alternator, part by the battery.

Wow! Really? The alternator will actually supplies part of the power when the starter is running? You better go back to auto mechanics 101 class. And most of the newer (GM any way in the past 30 + years) alternators have a delayed start to charging.

I guess if it is on the internet, it has to be true. Geeze!

Mick - W7CAT

----- Original Message -----
From: "awaschka@... [ic706]"
To: "ic706@yahoogroups.com"
Sent: Thursday, January 22, 2015 08:55:18 AM
Subject: Re: [ic706] MOBILE ICOM 706MKII

> If I remember correctly, the power switch does not remove power from the final transistors. They are always powered on, so if there is a spike on the 12V line, it will go to the finals whether the radio is on or not.
>
>
> The mechanism is called “load dump” and is a primary specification for equipment installed in vehicles. The starter draws several hundred amps part of which is supplied by the alternator, part by the battery. When the solenoid opens, the current wants to keep flowing and the result is a large voltage spike. The battery does act as a pretty good filter and thus the reason to connect the radio directly to the battery. I have had multiple radios including a 706MkII connected directly to the battery with no issues, but I have also read about those who have had problems.
>
>
> Al
>
>
>
>
>
>
>
>
>
> Sent from Windows Mail
>

>
>
>
>
> From: 'LARRY J. FORD' lford@... [ic706]
> Sent: ?Thursday?, ?January? ?22?, ?2015 ?10?:?44? ?AM
> To: ic706@yahoogroups.com
>
>
>
>
>
>
>
>
> Now it appears that the "problem" is if the radio is left "ON" when the
> vehicle is started, which I may have missed in the original posting.
>
> Not familiar with the "ChargeGuard," but if the issue is causing someone
> sufficient concern, then MFJ sells a relay designed to protect the
radio:
>
> http://www.mfjenterprises.com/Product.php?productid=MFJ-4402
>
> "A built-in surge protection diode reduces the chance a high voltage
spike
> will damage your rig due to an alternator failure or jumping off from
other
> vehicles, and it has reverse polarity protection.
>
> MFJ-4402 will cut your rig off if the voltage gets too low for proper
vehicle
> operation.
>
> A delay timer, which is controlled off of the ignition sense line
insures that
> your rig doesn’t turn on until the vehicle starts up and a normal
voltage is
> reached."
>
> A little pricey, IMHO, and someone's who's handy enough with a
soldering iron
> and basic circuit design could DIY for a lot less probably.
>
> I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM
Go Box"
> that I bought from Phil Salas, and it provides a bank of capacitors
with 4
> Farads of capacitance, and a relay to "buffer" the radio from the
vehicle

> power.
>
> Larry J. Ford
> K4AEC
>
> ------ Original Message ------
> Received: 10:06 AM EST, 01/22/2015
> From: "Teton Amateur Radio Repeater Association tarra@...
[ic706]"
>
> To: ic706@yahoogroups.com
> Subject: RE: [ic706] MOBILE ICOM 706MKII
>
> > One reason to connect the radio directly to the battery. A battery is
> > certainly a good filter. Additionally, use a "ChargeGuard" with your
> > radio. It will do a couple of things. The radio(s) will stay
powered off
> > until after the vehicle has started. It will also give you a timer
that
> > will power off your radio after a time setting. Then you won't need to
> > worry about leaving your radio on and having a dead battery. And along
> > that line, if the battery voltage goes to low, it will power off the
> > radio. Been using them for years.
> >
> >
> > Mick - W7CAT
> >
> >
> > ----- Original Message -----
> > From: "'Tony' tony@... [ic706]"
> > To:
> > Sent: Wednesday, January 21, 2015 11:15:38 PM
> > Subject: RE: [ic706] MOBILE ICOM 706MKII
> >
> >
> > > The starter can drop the battery voltage below the minimum operation
> > limit and can cause large spikes on the line.
> > >
> > >
> > >
> > > I don’t know about the 706 but the low voltage has been known to
> > change settings on some rigs.
> > >
> > >
> > >
> > > Its best to turn the rig off while starting the vehicle.
> > >
> > >
> > >
> > > You could put a relay with a voltage sensor circuit to automatically

> > shut the rig off while starting. Don’t know anyone who has done
that but
> > it should be simple enough to do.
> > >
> > >
> > >
> > > Tony
> > >
> > >
> > >
> > >
> > >
> > > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > > Sent: Wednesday, January 21, 2015 12:53 PM
> > > To: ic706@yahoogroups.com
> > > Subject: [ic706] MOBILE ICOM 706MKII
> > >
> > >
> > >
> > >
> > >
> > > Hello All
> > >
> > > I have an Icom 706MKII that I bought last week. Nice little radio
and
> > the plan is to install it in a 2010 F-150.
> > >
> > > I was told that having the power cord connected to the radio when
the
> > truck starts up can cause voltage spikes to cause damage to the radio.
> > >
> > > Just wondering if anyone here has experienced that, and if not what
> > precautions did you take to protect the radio.
> > >
> > > Thanks
> > > Rick VE3FMC
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > --

> > Untitled Document
> >
> >
> > Be sure to check out all the latest at our web site
> > and look at our repeater sites
> > ! IRLP Node 3464 <#>
> >
> >
> >
> >
> >
> >
> >
>
>
>
>

--
Untitled Document

Be sure to check out all the latest at our web site
<http://www.wyocat.com/tarra>and look at our repeater sites
<http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>

# 21333. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 04:14:27 UTC
From: Michael Goins
Topic: 21306  Message: 21333

If it's a big deal, then the easiest war to protect the rig is to turn the radio off when stopping and always start the car before turing it on. I've never once had any issue with this or any other radio mobile, from the 706 to the old Kenwood 440 and lots of rigs in between.

I think this is really a non-issue.
Michael Goins, k5wmg
Professor, English
Northwest Vista College

# 21334. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 11:33:44 UTC
From: Ralph Mowery
Topic: 21306  Message: 21334

Many rigs now do not disconnect the power when turned off.  They just set a bit in a microprocessor or some other solid state off function.  Most of the semiconductors are still connected to the power line.Turning off the rig will provide very little if any protection.

From: "Michael Goins wmgoins@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Thursday, January 22, 2015 11:14 PM
Subject: Re: [ic706] MOBILE ICOM 706MKII

<!--#yiv4345275719 #yiv4345275719 .yiv4345275719ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv4345275719 div.yiv4345275719ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv4345275719 div.yiv4345275719photo-title a, #yiv4345275719 div.yiv4345275719photo-title a:active, #yiv4345275719 div.yiv4345275719photo-title a:hover, #yiv4345275719 div.yiv4345275719photo-title a:visited {text-decoration:none;}#yiv4345275719 div.yiv4345275719attach-table div.yiv4345275719attach-row {clear:both;}#yiv4345275719 div.yiv4345275719attach-table div.yiv4345275719attach-row div {float:left;}#yiv4345275719 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv4345275719 div.yiv4345275719ygrp-file {width:30px;}#yiv4345275719 div.yiv4345275719attach-table div.yiv4345275719attach-row div div a {text-decoration:none;}#yiv4345275719 div.yiv4345275719attach-table div.yiv4345275719attach-row div div span {font-weight:normal;}#yiv4345275719 div.yiv4345275719ygrp-file-title {font-weight:bold;}#yiv4345275719 --> <!--#yiv4345275719 #yiv4345275719ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv4345275719 #yiv4345275719ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv4345275719 #yiv4345275719ygrp-mkp #yiv4345275719hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv4345275719 #yiv4345275719ygrp-mkp #yiv4345275719ads {margin-bottom:10px;}#yiv4345275719 #yiv4345275719ygrp-mkp .yiv4345275719ad {padding:0 0;}#yiv4345275719 #yiv4345275719ygrp-mkp .yiv4345275719ad p {margin:0;}#yiv4345275719 #yiv4345275719ygrp-mkp .yiv4345275719ad a {color:#0000ff;text-decoration:none;}-->

If it's a big deal, then the easiest war to protect the rig is to turn the radio off when stopping and always start the car before turing it on. I've never once had any issue with this or any other radio mobile, from the 706 to the old Kenwood 440 and lots of rigs in between.
I think this is really a non-issue.
Michael Goins, k5wmg
Professor, English
Northwest Vista College

# 21335. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 15:25:16 UTC
From: Al Waschka
Topic: 21306  Message: 21335

Yeah, i guess that was dumb on my part. I was thinking about more general load dump events when i mentioned the alternator. But it still remains that the sudden cessation of a large current draw will result in a voltage spike.

And it really wasn't necessary to be such an *ss when pointing out my mistake.

Al

> On Jan 22, 2015, at 8:27 PM, "Teton Amateur Radio Repeater Association tarra@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>> The starter draws several hundred amps part of which is supplied by the alternator, part by the battery.
>
> Wow! Really? The alternator will actually supplies part of the power when the starter is running? You better go back to auto mechanics 101 class. And most of the newer (GM any way in the past 30 + years) alternators have a delayed start to charging.
>
> I guess if it is on the internet, it has to be true. Geeze!
>
> Mick - W7CAT
>
> ----- Original Message -----
> From: "awaschka@... [ic706]"
> To: "ic706@yahoogroups.com"
> Sent: Thursday, January 22, 2015 08:55:18 AM
> Subject: Re: [ic706] MOBILE ICOM 706MKII
>
> > If I remember correctly, the power switch does not remove power from the final transistors. They are always powered on, so if there is a spike on the 12V line, it will go to the finals whether the radio is on or not.
> >
> >
> > The mechanism is called “load dump” and is a primary specification for equipment installed in vehicles. The starter draws several hundred amps part of which is supplied by the alternator, part by the battery. When the solenoid opens, the current wants to keep flowing and the result is a large voltage spike. The battery does act as a pretty good filter and thus the reason to connect the radio directly to the battery. I have had multiple radios including a 706MkII connected directly to the battery with no issues, but I have also read about those who have had problems.
> >
> >
> > Al
> >
> >
> >

> >
> >
> >
> >
> >
> > Sent from Windows Mail
> >
> >
> >
> >
> >
> > From: 'LARRY J. FORD' lford@... [ic706]
> > Sent: ?Thursday?, ?January? ?22?, ?2015 ?10?:?44? ?AM
> > To: ic706@yahoogroups.com
> >
> >
> >
> >
> >
> >
> >
> >
> > Now it appears that the "problem" is if the radio is left "ON" when the
> > vehicle is started, which I may have missed in the original posting.
> >
> > Not familiar with the "ChargeGuard," but if the issue is causing someone
> > sufficient concern, then MFJ sells a relay designed to protect the radio:
> >
> > http://www.mfjenterprises.com/Product.php?productid=MFJ-4402
> >
> > "A built-in surge protection diode reduces the chance a high voltage spike
> > will damage your rig due to an alternator failure or jumping off from other
> > vehicles, and it has reverse polarity protection.
> >
> > MFJ-4402 will cut your rig off if the voltage gets too low for proper vehicle
> > operation.
> >
> > A delay timer, which is controlled off of the ignition sense line insures that
> > your rig doesn’t turn on until the vehicle starts up and a normal voltage is
> > reached."
> >
> > A little pricey, IMHO, and someone's who's handy enough with a soldering iron
> > and basic circuit design could DIY for a lot less probably.
> >
> > I personally operate my ICOM IC-706 MKII through an MJF-706 "EMCOMM Go Box"
> > that I bought from Phil Salas, and it provides a bank of capacitors with 4
> > Farads of capacitance, and a relay to "buffer" the radio from the vehicle
> > power.
> >
> > Larry J. Ford

> > K4AEC
> >
> > ------ Original Message ------
> > Received: 10:06 AM EST, 01/22/2015
> > From: "Teton Amateur Radio Repeater Association tarra@... [ic706]"
> >
> > To: ic706@yahoogroups.com
> > Subject: RE: [ic706] MOBILE ICOM 706MKII
> >
> > > One reason to connect the radio directly to the battery. A battery is
> > > certainly a good filter. Additionally, use a "ChargeGuard" with your
> > > radio. It will do a couple of things. The radio(s) will stay powered off
> > > until after the vehicle has started. It will also give you a timer that
> > > will power off your radio after a time setting. Then you won't need to
> > > worry about leaving your radio on and having a dead battery. And along
> > > that line, if the battery voltage goes to low, it will power off the
> > > radio. Been using them for years.
> > >
> > >
> > > Mick - W7CAT
> > >
> > >
> > > ----- Original Message -----
> > > From: "'Tony' tony@... [ic706]"
> > > To:
> > > Sent: Wednesday, January 21, 2015 11:15:38 PM
> > > Subject: RE: [ic706] MOBILE ICOM 706MKII
> > >
> > >
> > > > The starter can drop the battery voltage below the minimum operation
> > > limit and can cause large spikes on the line.
> > > >
> > > >
> > > >
> > > > I don’t know about the 706 but the low voltage has been known to
> > > change settings on some rigs.
> > > >
> > > >
> > > >
> > > > Its best to turn the rig off while starting the vehicle.
> > > >
> > > >
> > > >
> > > > You could put a relay with a voltage sensor circuit to automatically
> > > shut the rig off while starting. Don’t know anyone who has done that but
> > > it should be simple enough to do.
> > > >
> > > >
> > > >
> > > > Tony

> > > >
> > > >
> > > >
> > > >
> > > >
> > > > From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> > > > Sent: Wednesday, January 21, 2015 12:53 PM
> > > > To: ic706@yahoogroups.com
> > > > Subject: [ic706] MOBILE ICOM 706MKII
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Hello All
> > > >
> > > > I have an Icom 706MKII that I bought last week. Nice little radio and
> > > the plan is to install it in a 2010 F-150.
> > > >
> > > > I was told that having the power cord connected to the radio when the
> > > truck starts up can cause voltage spikes to cause damage to the radio.
> > > >
> > > > Just wondering if anyone here has experienced that, and if not what
> > > precautions did you take to protect the radio.
> > > >
> > > > Thanks
> > > > Rick VE3FMC
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > --
> > > Untitled Document
> > >
> > >
> > > Be sure to check out all the latest at our web site
> > > and look at our repeater sites
> > > ! IRLP Node 3464 <#>
> > >
> > >
> > >

> > >
> > >
> > >
> > >
> >
> >
> >
> >
>
> --
> Be sure to check out all the latest at our web site and look at our repeater sites! IRLP Node 3464
>
>
>
>

# 21336. Re: [Bulk] Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 15:34:43 UTC
From: Alan Beagley
Topic: 21306  Message: 21336

On 01/22/2015 11:14 PM, Michael Goins wmgoins@... [ic706] wrote:
> If it's a big deal, then the easiest war to protect the rig is to turn the radio off when stopping and always start the car before turing it on. I've never once had any issue with this or any other radio mobile, from the 706 to the old Kenwood 440 and lots of rigs in between.

A few years back I bought a relay that I was intending to install so as
to keep power off the radio during the starting routine -- but I never
got a round tuit.

73

Alan NV8A

# 21337. Re: [ic706] MOBILE ICOM 706MKII

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 15:39:08 UTC
From: Alan Beagley
Topic: 21306  Message: 21337

True. Several years ago I found that our car's battery was flat after it had sat for just a few days, and it turned out that one of the 706MkIIG's finals had significant leakage current. I'm pleased to be able to report that that was when the old Motorola finals were still available.

73

Alan NV8A

On 01/23/2015 06:33 AM, Ralph Mowery ku4pt@... [ic706] wrote:
> Many rigs now do not disconnect the power when turned off. They just set a bit in a microprocessor or some other solid state off function. Most of the semiconductors are still connected to the power line.Turning off the rig will provide very little if any protection.
>
> From: "Michael Goins wmgoins@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Sent: Thursday, January 22, 2015 11:14 PM
> Subject: Re: [ic706] MOBILE ICOM 706MKII

> If it's a big deal, then the easiest war to protect the rig is to turn the radio off when stopping and always start the car before turing it on. I've never once had any issue with this or any other radio mobile, from the 706 to the old Kenwood 440 and lots of rigs in between.
> I think this is really a non-issue.
> Michael Goins, k5wmg
> Professor, English
> Northwest Vista College
>
>

# 21338. Re: [ic706] MOBILE ICOM 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 17:21:35 UTC
From: Ron Lawrence
Topic: 21338  Message: 21338

I run an original 706 not mk2 mobile.
I have a 8 gauge pair connected directly to the battery and
running to a terminal block mounted on the rear of the radio
mount that sits on the hump in front to the front seat.
All the radios are connected directly to the battery through
this terminal block. I've never had a problem with the radios.
I try not to have the radios on when I start the car but I'm
sure I've slipped up a few times over the years but it's never
caused a problem.
I have a separate switched power feed that some things are
connected to, GPS, radar detector, and fan on the Midland 6mtr
LMR rig mounted in the trunk.

What I would like to find is a decent price and source for one
of the battery protectors that will monitor the battery voltage
and disconnect the load if the voltage drops below 12v.
No matter now hard I try to remember it never fails but what
I'll leave something on over night and run the battery down :)

I love my 706 mobile, I'm having a ball working HF while
riding around.
I wish there was a HF call freq for mobile operators to
check into. I usually listen to 14.300 the Maritime Mobile
net, it's interesting to listen to folks of ships and boats
checking in and the take regular non maritime checkins.

I usually stay on 20 meters, if you're around in the early to
mid afternoon listen for me (W4RON) on 20 and give me a call.

Cheers

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, RON w4ron
http://radioheaven.homestead.com/menu.html

# 21339. Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 18:04:30 UTC
From: Henry Moseley
Topic: 21339  Message: 21339

Can anyone recommend a device which can plug into the existing unmodified ic706 phone jack and provide Bluetooth audio to a separate speaker or headset? Thanks, Henry, KA1RRT

Sent from Yahoo Mail on Android

# 21340. RE: [ic706] Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 19:35:28 UTC
From: tom armour
Topic: 21339  Message: 21340

Look at the: Miccus Home RTX
Amazon link: http://www.amazon.com/Miccus-Home-RTX-Bluetooth-Transmitter/dp/B00713RSE0/ref=sr_1_6?s=electronics&ie=UTF8&qid=1422041579&sr=1-6&keywords=bluetooth+transmitter+audio
tom - wa4ta
To: ic706@yahoogroups.com
From: ic706@yahoogroups.com
Date: Fri, 23 Jan 2015 10:04:30 -0800
Subject: [ic706] Bluetooth audio

Can anyone recommend a device which can plug into the existing unmodified ic706 phone jack and provide Bluetooth audio to a separate speaker or headset? Thanks, Henry, KA1RRT

Sent from Yahoo Mail on Android

# 21341. Re: [ic706] MOBILE ICOM 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-23 21:29:34 UTC
From: LARRY J. FORD
Topic: 21338  Message: 21341

In the "4" Call Region, a lot of mobile HF operators check into the SouthCARS net on 7.251 MHz, which operates from 8AM to 1PM daily.

You really have to wait until NCS specifically calls for "mobiles/portables/QRP" as the base stations will step on you and you'll never be heard on the "open" net call. SCARS now has over 10,000 "registered" members, so it's beginning to resemble the old Yogi Berra quote about a famous restaurant in New York City when he was playing for the Yankees: When asked if he still frequented Toots Shor's, he replied: "Naw, nobody goes there anymore; it's too crowded!"

I also check-in to the MIDCARS Net on 40, when certain NCSes call which I've found can hear me quite well from SWNC(one in Ohio and one in Nashville, TN).

A 40 meter Hamstick works just fine for both.

LJF
K4AEC
------ Original Message ------
Received: 12:21 PM EST, 01/23/2015
From: "Ron Lawrence W4RON@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] MOBILE ICOM 706

> I run an original 706 not mk2 mobile.
> I have a 8 gauge pair connected directly to the battery and
> running to a terminal block mounted on the rear of the radio
> mount that sits on the hump in front to the front seat.
> All the radios are connected directly to the battery through
> this terminal block. I've never had a problem with the radios.
> I try not to have the radios on when I start the car but I'm
> sure I've slipped up a few times over the years but it's never
> caused a problem.
> I have a separate switched power feed that some things are
> connected to, GPS, radar detector, and fan on the Midland 6mtr
> LMR rig mounted in the trunk.
>
> What I would like to find is a decent price and source for one
> of the battery protectors that will monitor the battery voltage
> and disconnect the load if the voltage drops below 12v.
> No matter now hard I try to remember it never fails but what
> I'll leave something on over night and run the battery down :)
>
> I love my 706 mobile, I'm having a ball working HF while
> riding around.
> I wish there was a HF call freq for mobile operators to

> check into. I usually listen to 14.300 the Maritime Mobile
> net, it's interesting to listen to folks of ships and boats
> checking in and the take regular non maritime checkins.
>
> I usually stay on 20 meters, if you're around in the early to
> mid afternoon listen for me (W4RON) on 20 and give me a call.
>
> Cheers
>
>
> ~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~
>
> 73, RON w4ron
> http://radioheaven.homestead.com/menu.html
>
>
>

# 21342. Re: [ic706] Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-24 12:55:20 UTC
From: mikerodgerske5gbc@...
Topic: 21339  Message: 21342

I haven't used one myself but truck stops have a device by mobile spec for $30 but it has a stereo plug.

Probably others out there also.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Jan 23, 2015, at 12:04 PM, "Henry Moseley hmose@... [ic706]" <ic706@yahoogroups.com> wrote:

>
> Can anyone recommend a device which can plug into the existing unmodified ic706 phone jack and provide Bluetooth audio to a separate speaker or headset? Thanks, Henry, KA1RRT
>
> Sent from Yahoo Mail on Android
>
>

# 21343. Re: Re: [ic706] Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-24 13:34:22 UTC
From: LARRY J. FORD
Topic: 21339  Message: 21343

Radio Shack sells a stereo-to-mono adapter plug that may solve the plug compatibility issue.

rry JFord
K4AEC

Sent from my mobile phone; please excuse errors in grammar & spelling.

------ Original Message ------
Received: 07:55 AM EST, 01/24/2015
From: "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@...m>
Subject: Re: [ic706] Bluetooth audio

> I haven't used one myself but truck stops have a device by mobile spec for $30 but it has a stereo plug.
>
> Probably others out there also.
>
> 73
> Mike R
>
> Jimmy & Jimmy we will miss you.
>
> Thanks for the music. Rest in peace. Little Jimmy Dickens and
> The singing Cajun Jimmy C. Newman.
>
> On Jan 23, 2015, at 12:04 PM, "Henry Moseley hmose@... [ic706]" wrote:
>
> >
> > Can anyone recommend a device which can plug into the existing unmodified ic706 phone jack and provide Bluetooth audio to a separate speaker or headset? Thanks, Henry, KA1RRT
> >
> > Sent from Yahoo Mail on Android
> >
> >
>

# 21344. Re: Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-24 16:04:56 UTC
From: n5kzw@...
Topic: 21339  Message: 21344

I have several of the iClever IC-BTT01 transmitters from Amazon. They are attached to TVs and radios around the house, and couple to the neck loop for my Hearing Aids. The unit has a USB power cord, so you will need a USB adapter, and possibly, a USB extender. As mentioned, the have a 3.5mm stereo plug.

Regards,
Ed - n5kzw

# 21345. Re: [ic706] Re: Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-24 16:08:18 UTC
From: Michael Goins
Topic: 21339  Message: 21345

Truckers use the bluetooth setups as there is a $2500 national fine for driving an 18 wheeler and using any handheld device, including a mike.

Michael Goins, k5wmg
Professor, English
Northwest Vista College

On Sat, Jan 24, 2015 at 10:04 AM, n5kzw@... [ic706] <ic706@yahoogroups.com> wrote:

> 
> 
> I have several of the iClever IC-BTT01 transmitters from Amazon. They are
> attached to TVs and radios around the house, and couple to the neck loop
> for my Hearing Aids. The unit has a USB power cord, so you will need a USB
> adapter, and possibly, a USB extender. As mentioned, the have a 3.5mm
> stereo plug.
> 
> Regards,
> Ed - n5kzw
> 
> 

# 21346. IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-24 23:03:27 UTC
From: wa6mhz_1@...
Topic: 21346  Message: 21346

I just scored a really cheap MK2G, and it works great on RX. But as soon as I press PTT on ANY MODE or any BAND it immediatley shuts the rig off, Power level set to minimum
OK Internet troubleshooters, what could cause that to happen? Havent' cracked the case yet or downloaded the Service Manual. No at power supply problem. PS good at 13.8VDC

# 21347. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 06:41:55 UTC
From: John Geiger
Topic: 21346  Message: 21347

Make sure the fuses in the cord are both good. I have had a couple of times where the power showed 13.8 volts, but the fuses were barely blown. Good luck with the fix.

John AF5CC

On Sat, Jan 24, 2015 at 5:03 PM, wa6mhz_1@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> I just scored a really cheap MK2G, and it works great on RX. But as soon
> as I press PTT on ANY MODE or any BAND it immediatley shuts the rig off,
> Power level set to minimum
> OK Internet troubleshooters, what could cause that to happen? Havent'
> cracked the case yet or downloaded the Service Manual. No at power supply
> problem. PS good at 13.8VDC
>
>

# 21348. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 16:19:14 UTC
From: gw0div@...
Topic: 21346  Message: 21348

Power supply voltage
Dirty power connection
Dirty control head connection
Re seating all of the boards in the radio
Poor earths or connection inside the radio

These seem to be the go to guys every other time this question gets asked.

Rhys
GW0DIV

# 21349. Re: IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 17:03:15 UTC
From: ku4pt@...
Topic: 21346  Message: 21349

The 706 spikes to full output for a fraction of a second even if set for the lowest power.

I would check the connector on the rig and power cord. Then any fuse or connector in line with the power lead. Next makes sure the power supply is not shutting down.

There is a fuse or two inside the rig that may not be making a good connection.

I would open the Icom up and put a voltmeter across the power wiring inside the rig to make sure the voltage stays up inside the rig.

Years ago I help a fellow that had a rig in is car that would shut down. Found the wire at the battery was really corroded up and was just barley laying across the terminal. It would pass the few milliamps to run the receiver, but not the transmitter.

# 21350. RE: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 16:51:02 UTC
From: Rich Bauer
Topic: 21346  Message: 21350

power supply insufficient?

'73,
rich, n9dko
99% of lawyers give the rest a bad name
---

I just scored a really cheap MK2G, and it works great on RX. But as soon as I press PTT on ANY MODE or any BAND it immediatley shuts the rig off, Power level set to minimum
OK Internet troubleshooters, what could cause that to happen? Havent' cracked the case yet or downloaded the Service Manual. No at power supply problem. PS good at 13.8VDC

# 21351. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 19:25:53 UTC
From: Mike Gormley
Topic: 21346  Message: 21351

This is true, I believe you need at least a 20 amp PS.

Mike Gormley, WA8VEC
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 1/25/2015 11:51 AM, 'Rich Bauer' rk911@... [ic706] wrote:
>
> power supply insufficient?
>
> '73,
> rich, n9dko
> 99% of lawyers give the rest a bad name
> _____
>
> I just scored a really cheap MK2G, and it works great on RX. But as
> soon as I press PTT on ANY MODE or any BAND it immediatley shuts the
> rig off, Power level set to minimum
> OK Internet troubleshooters, what could cause that to happen? Havent'
> cracked the case yet or downloaded the Service Manual. No at power
> supply problem. PS good at 13.8VDC
>
>
> ---
> Posted by: "Rich Bauer" <rk911@...>
> ---
> Reply via web post
> <https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21350;_ylc=X3oDMTJxMzQ
2NW91BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmd
HIEc2xrA3JwbHkEc3RpbWUDMTQyMjIxMzU5OQ--?act=reply&messageNum=21350>
> • Reply to sender
> <mailto:rk911@...?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
> • Reply to group
> <mailto:ic706@yahoogroups.com?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on
%20TX>
> • Start a New Topic
> <https://groups.yahoo.com/neo/groups/ic706/conversations/newtopic;_ylc=X3oDMTJlMjJoOHU0B
F9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWU
DMTQyMjIxMzU5OQ-->
> • Messages in this topic
> <https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21346;_ylc=X3oDMTM2YnRvc
GxsBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHI
Ec2xrA3Z0cGMEc3RpbWUDMTQyMjIxMzU5OQR0cGNJZAMyMTM0Ng-->

> (5)
>
> Visit Your Group
> <https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlZ3VlYmVyBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMjIxMzU5OQ-->
>
>
> ⋆ New Members
> <https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJmZThkN2E0BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjIyMTM1OTk->
> 1
>
> Yahoo! Groups
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJkZmo5ZDc2BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIyMjEzNTk5>
>
> • Privacy
> <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> Unsubscribe
> <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
>

# 21352. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 20:12:19 UTC
From: LARRY J. FORD
Topic: 21346  Message: 21352

The original poster stated in his post: "Power level set to minimum"

It shouldn't draw anywhere 20 amps (that's a full power setting) if the power output level is set to the lowest level (unless something is seriously wrong with the rig).

Personally, I have always run my 706s with a PS capable of more than 20 amps, just to add a little "headroom" to the PS's ability to meet the rig's current requirements.

LJF
K4AEC

------ Original Message ------
Received: 02:26 PM EST, 01/25/2015
From: "Mike Gormley WA8VEC@...t [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC706MK2 shuts down on TX

> This is true, I believe you need at least a 20 amp PS.
>
> Mike Gormley, WA8VEC
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
> On 1/25/2015 11:51 AM, 'Rich Bauer' rk911@... [ic706] wrote:
> >
> > power supply insufficient?
> >
> > '73,
> > rich, n9dko
> > 99% of lawyers give the rest a bad name
> > _____
> >
> > I just scored a really cheap MK2G, and it works great on RX. But as
> > soon as I press PTT on ANY MODE or any BAND it immediatley shuts the
> > rig off, Power level set to minimum
> > OK Internet troubleshooters, what could cause that to happen? Havent'
> > cracked the case yet or downloaded the Service Manual. No at power
> > supply problem. PS good at 13.8VDC
> >
> >
> > ------------------------------------------------------------------------
> > Posted by: "Rich Bauer" <rk911@...>

> > ---------------------------------------------------------------------
> > Reply via web post
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21350;_ylc=X3oDMTJxMzQ2N
W91BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHI
Ec2xrA3JwbHkEc3RpbWUDMTQyMjIxMzU5OQ--?act=reply&messageNum=21350>

> > • Reply to sender
> >
<mailto:rk911@...?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>

> > • Reply to group
> >
<mailto:ic706@yahoogroups.com?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%2
0TX>

> > • Start a New Topic
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/newtopic;_ylc=X3oDMTJlMjJoOHU0BF9
TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDM
TQyMjIxMzU5OQ-->

> > • Messages in this topic
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21346;_ylc=X3oDMTM2YnRvcGx
sBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHIEc
2xrA3Z0cGMEc3RpbWUDMTQyMjIxMzU5OQR0cGNJZAMyMTM0Ng-->

> > (5)
> >
> > Visit Your Group
> >
<https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlZ3VlYmVyBF9TAzk3MzU5NzE0BGdyc
ElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMjIxMzU5OQ-->

> >
> >
> > * New Members
> >
<https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJmZThkN2E0BF9TAzk3MzU5Nz
E0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjIyMTM1
OTk->
> > 1
> >
> > Yahoo! Groups
> >
<https://groups.yahoo.com/neo;_ylc=X3oDMTJkZmo5ZDc2BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3J
wc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIyMjEzNTk5>

> >
> > • Privacy
> > <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •

> > Unsubscribe
> > <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe> • Terms
> > of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
> >
>
>

# 21353. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 20:31:11 UTC
From: Mike Gormley
Topic: 21346  Message: 21353

The original comment I responded to was "Power supply insufficient?",
So I did not mean to imply at low power he was drawing 20 amps. His
PS STILL COULD BE INSUFFICIENT if it is a PS of LESS AMPS, depending
upon how much less it is.

Mike Gormley
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 1/25/2015 3:12 PM, 'LARRY J. FORD' lford@... [ic706] wrote:
>
> The original poster stated in his post: "Power level set to minimum"
>
> It shouldn't draw anywhere 20 amps (that's a full power setting) if
> the power
> output level is set to the lowest level (unless something is seriously
> wrong
> with the rig).
>
> Personally, I have always run my 706s with a PS capable of more than
> 20 amps,
> just to add a little "headroom" to the PS's ability to meet the rig's
> current
> requirements.
>
> LJF
> K4AEC
>
> ------ Original Message ------
> Received: 02:26 PM EST, 01/25/2015
> From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC706MK2 shuts down on TX
>
> > This is true, I believe you need at least a 20 amp PS.
> > >
> > > Mike Gormley, WA8VEC
> > > Sebring, FL
> > > Cell:
> > > www.Mike-Gormley.com
> > > www.Facebook.com/Mike.Gormley.Caller
> > >
> > > On 1/25/2015 11:51 AM, 'Rich Bauer' rk911@... [ic706] wrote:

> > >
> > > power supply insufficient?
> > >
> > > '73,
> > > rich, n9dko
> > > 99% of lawyers give the rest a bad name
> > > _____
> > >
> > > I just scored a really cheap MK2G, and it works great on RX. But as
> > > soon as I press PTT on ANY MODE or any BAND it immediatley shuts the
> > > rig off, Power level set to minimum
> > > OK Internet troubleshooters, what could cause that to happen? Havent'
> > > cracked the case yet or downloaded the Service Manual. No at power
> > > supply problem. PS good at 13.8VDC
> > >
> > >
> > > ------------------------------------------------------------
> > > Posted by: "Rich Bauer" <rk911@...>
> > > ------------------------------------------------------------
> > > Reply via web post
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21350;_ylc=X3oDMTJxMzQ
2NW91BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmd
HIEc2xrA3JwbHkEc3RpbWUDMTQyMjIxMzU5OQ--?act=reply&messageNum=21350>
>
> > > • Reply to sender
> > >
> <mailto:rk911@...?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
>
> > > • Reply to group
> > >
> <mailto:ic706@yahoogroups.com?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on
%20TX>
>
> > > • Start a New Topic
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/newtopic;_ylc=X3oDMTJlMjJoOHU0B
F9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWU
DMTQyMjIxMzU5OQ-->
>
> > > • Messages in this topic
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21346;_ylc=X3oDMTM2YnRvc
GxsBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHI
Ec2xrA3Z0cGMEc3RpbWUDMTQyMjIxMzU5OQR0cGNJZAMyMTM0Ng-->
>
> > > (5)
> > >
> > > Visit Your Group
> > >

> <https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlZ3VlYmVyBF9TAzk3MzU5NzE0BGd
ycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMjIxMzU5OQ-->
>
> > >
> > >
> > > * New Members
> > >
> <https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJmZThkN2E0BF9TAzk3MzU5
NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjIyMT
M1OTk->
> > > 1
> > >
> > > Yahoo! Groups
> > >
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJkZmo5ZDc2BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ
3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIyMjEzNTk5>
>
> > >
> > > • Privacy
> > > <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> > > Unsubscribe
> > > <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe> •
> Terms
> > > of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
> > >
> >
> >
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4800 / Virus Database: 4257/8999 - Release Date: 01/25/15
>

# 21354. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-25 22:21:21 UTC
From: LARRY J. FORD
Topic: 21346  Message: 21354

Roger. Since the original poster has not reported the current capacity of the PS, only that it's voltage output was 13.8 VDC, we are left to speculate.

One of the reasons that 706s are not efficient as battery-powered, field-use QRP rigs (as opposed to a Yaesu 817 or ICOM 703) is that it has a relatively high current draw even at "low" power settings (roughly 7 amps draw at 5 watts out, according to 706-user sources on the web).

LJF
K4AEC

------ Original Message ------
Received: 03:31 PM EST, 01/25/2015
From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] IC706MK2 shuts down on TX

> The original comment I responded to was "Power supply insufficient?",
> So I did not mean to imply at low power he was drawing 20 amps. His
> PS STILL COULD BE INSUFFICIENT if it is a PS of LESS AMPS, depending
> upon how much less it is.
>
> Mike Gormley
> Sebring, FL
> Cell:
> www.Mike-Gormley.com
> www.Facebook.com/Mike.Gormley.Caller
>
> On 1/25/2015 3:12 PM, 'LARRY J. FORD' lford@... [ic706] wrote:
> >
> > The original poster stated in his post: "Power level set to minimum"
> >
> > It shouldn't draw anywhere 20 amps (that's a full power setting) if
> > the power
> > output level is set to the lowest level (unless something is seriously
> > wrong
> > with the rig).
> >
> > Personally, I have always run my 706s with a PS capable of more than
> > 20 amps,
> > just to add a little "headroom" to the PS's ability to meet the rig's
> > current
> > requirements.
> >
> > LJF
> > K4AEC

> >
> > ------ Original Message ------
> > Received: 02:26 PM EST, 01/25/2015
> > From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
> > To: ic706@yahoogroups.com
> > Subject: Re: [ic706] IC706MK2 shuts down on TX
> >
> > > This is true, I believe you need at least a 20 amp PS.
> > >
> > > Mike Gormley, WA8VEC
> > > Sebring, FL
> > > Cell:
> > > www.Mike-Gormley.com
> > > www.Facebook.com/Mike.Gormley.Caller
> > >
> > > On 1/25/2015 11:51 AM, 'Rich Bauer' rk911@... [ic706] wrote:
> > > >
> > > > power supply insufficient?
> > > >
> > > > '73,
> > > > rich, n9dko
> > > > 99% of lawyers give the rest a bad name
> > > > _____
> > > >
> > > > I just scored a really cheap MK2G, and it works great on RX. But as
> > > > soon as I press PTT on ANY MODE or any BAND it immediatley shuts the
> > > > rig off, Power level set to minimum
> > > > OK Internet troubleshooters, what could cause that to happen? Havent'
> > > > cracked the case yet or downloaded the Service Manual. No at power
> > > > supply problem. PS good at 13.8VDC
> > > >
> > > >
> > > > ---
> > > > Posted by: "Rich Bauer" <rk911@...>
> > > > ---
> > > > Reply via web post
> > > >
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21350;_ylc=X3oDMTJxMzQ2N
W91BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHI
Ec2xrA3JwbHkEc3RpbWUDMTQyMjIxMzU5OQ--?act=reply&messageNum=21350>
> >
> > > > • Reply to sender
> > > >
> >
<mailto:rk911@...?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
> >
> > > > • Reply to group
> > > >
> >

<mailto:ic706@yahoogroups.com?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
> >
> > > > • Start a New Topic
> > > >
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/newtopic;_ylc=X3oDMTJlMjJoOHU0BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTQyMjIxMzU5OQ-->
> >
> > > > • Messages in this topic
> > > >
> >
<https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21346;_ylc=X3oDMTM2YnRvcGxsBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTQyMjIxMzU5OQR0cGNJZAMyMTM0Ng-->
> >
> > > > (5)
> > > >
> > > > Visit Your Group
> > > >
> >
<https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlZ3VlYmVyBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMjIxMzU5OQ-->
> >
> > > > >
> > > > >
> > > > * New Members
> > > > >
> >
<https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJmZThkN2E0BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjIyMTM1OTk->
> > > > 1
> > > > >
> > > > Yahoo! Groups
> > > > >
> >
<https://groups.yahoo.com/neo;_ylc=X3oDMTJkZmo5ZDc2BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIyMjEzNTk5>
> >
> > > > >
> > > > • Privacy
> > > > <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> > > > Unsubscribe
> > > > <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe> •
> > Terms
> > > > of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
> > > > >
> > >

> > >
> >
> >
> >
> > No virus found in this message.
> > Checked by AVG - www.avg.com <http://www.avg.com>
> > Version: 2014.0.4800 / Virus Database: 4257/8999 - Release Date: 01/25/15
> >
>
>

# 21355. Re: [ic706] IC706MK2 shuts down on TX

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-26 02:38:52 UTC
From: mikerodgerske5gbc@...
Topic: 21346  Message: 21355

Some have also had problems with non icom molex connectors.

It does sound an awful lot like starving power issue so I'd verify voltage drops are not occurring.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Jan 25, 2015, at 4:21 PM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com> wrote:

> Roger. Since the original poster has not reported the current capacity of the
> PS, only that it's voltage output was 13.8 VDC, we are left to speculate.
>
> One of the reasons that 706s are not efficient as battery-powered, field-use
> QRP rigs (as opposed to a Yaesu 817 or ICOM 703) is that it has a relatively
> high current draw even at "low" power settings (roughly 7 amps draw at 5 watts
> out, according to 706-user sources on the web).
>
> LJF
> K4AEC
>
> ------ Original Message ------
> Received: 03:31 PM EST, 01/25/2015
> From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] IC706MK2 shuts down on TX
>
> > The original comment I responded to was "Power supply insufficient?",
> > So I did not mean to imply at low power he was drawing 20 amps. His
> > PS STILL COULD BE INSUFFICIENT if it is a PS of LESS AMPS, depending
> > upon how much less it is.
> >
> > Mike Gormley
> > Sebring, FL
> > Cell:
> > www.Mike-Gormley.com
> > www.Facebook.com/Mike.Gormley.Caller
> >
> > On 1/25/2015 3:12 PM, 'LARRY J. FORD' lford@... [ic706] wrote:
> > >

> > > The original poster stated in his post: "Power level set to minimum"
> > >
> > > It shouldn't draw anywhere 20 amps (that's a full power setting) if
> > > the power
> > > output level is set to the lowest level (unless something is seriously
> > > wrong
> > > with the rig).
> > >
> > > Personally, I have always run my 706s with a PS capable of more than
> > > 20 amps,
> > > just to add a little "headroom" to the PS's ability to meet the rig's
> > > current
> > > requirements.
> > >
> > > LJF
> > > K4AEC
> > >
> > > ------ Original Message ------
> > > Received: 02:26 PM EST, 01/25/2015
> > > From: "Mike Gormley WA8VEC@... [ic706]" <ic706@yahoogroups.com>
> > > To: ic706@yahoogroups.com
> > > Subject: Re: [ic706] IC706MK2 shuts down on TX
> > >
> > > > This is true, I believe you need at least a 20 amp PS.
> > > >
> > > > Mike Gormley, WA8VEC
> > > > Sebring, FL
> > > > Cell:
> > > > www.Mike-Gormley.com
> > > > www.Facebook.com/Mike.Gormley.Caller
> > > >
> > > > On 1/25/2015 11:51 AM, 'Rich Bauer' rk911@... [ic706] wrote:
> > > > >
> > > > > power supply insufficient?
> > > > >
> > > > > '73,
> > > > > rich, n9dko
> > > > > 99% of lawyers give the rest a bad name
> > > > > _____
> > > > >
> > > > > I just scored a really cheap MK2G, and it works great on RX. But as
> > > > > soon as I press PTT on ANY MODE or any BAND it immediatley shuts the
> > > > > rig off, Power level set to minimum
> > > > > OK Internet troubleshooters, what could cause that to happen? Havent'
> > > > > cracked the case yet or downloaded the Service Manual. No at power
> > > > > supply problem. PS good at 13.8VDC
> > > > >
> > > > >
> > > > > ------------------------------------------------------------
> > > > > Posted by: "Rich Bauer" <rk911@...>

> > > > > ----------
> > > > > Reply via web post
> > > > >
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21350;_ylc=X3oDMTJxMzQ2NW91BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTQyMjIxMzU5OQ--?act=reply&messageNum=21350>
> > >
> > > > > • Reply to sender
> > > > >
> > >
> <mailto:rk911@...?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
> > >
> > > > > • Reply to group
> > > > >
> > >
> <mailto:ic706@yahoogroups.com?subject=RE%3A%20%5Bic706%5D%20IC706MK2%20shuts%20down%20on%20TX>
> > >
> > > > > • Start a New Topic
> > > > >
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/newtopic;_ylc=X3oDMTJlMjJoOHU0BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTQyMjIxMzU5OQ-->
> > >
> > > > > • Messages in this topic
> > > > >
> > >
> <https://groups.yahoo.com/neo/groups/ic706/conversations/topics/21346;_ylc=X3oDMTM2YnRvcGxsBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzIxMzUwBHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTQyMjIxMzU5OQR0cGNJZAMyMTM0Ng-->
> > >
> > > > > (5)
> > > > >
> > > > > Visit Your Group
> > > > >
> > >
> <https://groups.yahoo.com/neo/groups/ic706/info;_ylc=X3oDMTJlZ3VlYmVyBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTQyMjIxMzU5OQ-->
> > >
> > > > >
> > > > >
> > > > > * New Members
> > > > >
> > >
> <https://groups.yahoo.com/neo/groups/ic706/members/all;_ylc=X3oDMTJmZThkN2E0BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZtYnJzBHN0aW1lAzE0MjIyMTM1OTk->
> > > > > 1

> > > > >
> > > > > Yahoo! Groups
> > > > > >
> > > >
> <https://groups.yahoo.com/neo;_ylc=X3oDMTJkZmo5ZDc2BF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ
3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxNDIyMjEzNTk5>
> > >
> > > > > >
> > > > > > • Privacy
> > > > > > <https://info.yahoo.com/privacy/us/yahoo/groups/details.html> •
> > > > > > Unsubscribe
> > > > > > <mailto:ic706-unsubscribe@yahoogroups.com?subject=Unsubscribe> •
> > > Terms
> > > > > of Use <https://info.yahoo.com/legal/us/yahoo/utos/terms/>
> > > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > >
> > > No virus found in this message.
> > > Checked by AVG - www.avg.com <http://www.avg.com>
> > > Version: 2014.0.4800 / Virus Database: 4257/8999 - Release Date: 01/25/15
> > >
> >
> >
>
>

# 21356. FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-26 02:42:41 UTC
From: Michael Goins
Topic: 21356  Message: 21356

ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.

Michael Goins, k5wmg
Professor, English
Northwest Vista College

# 21357. RE: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 01:32:26 UTC
From: Tony
Topic: 21356  Message: 21357

I am interested. Is it the MkII or the MkIIG with 440?

Tony

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Sunday, January 25, 2015 8:43 PM
To: ic706@yahoogroups.com
Subject: [ic706] FOR SALE LIST

ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.

Michael Goins, k5wmg
Professor, English
Northwest Vista College

# 21358. Re: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 04:42:43 UTC
From: Mike Goins
Topic: 21356  Message: 21358

Its a II with 2 meters

Sent from my iPhone

On Jan 26, 2015, at 7:32 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:

> I am interested. Is it the MkII or the MkIIG with 440?
>
>
>
> Tony
>
>
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Sunday, January 25, 2015 8:43 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] FOR SALE LIST
>
>
>
>
>
>
>
> ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.

>
>
>
>
>
> Michael Goins, k5wmg
> Professor, English
> Northwest Vista College
>
>
>
>
>
>
>
>

>
>

# 21359. Re: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 05:55:44 UTC
From: Mike Goins
Topic: 21356  Message: 21359

At the hospital at the moment. Can send pictures tomorrow if interested. Simply not needed here.

Mike, k5wmg

Sent from my dog's iPhone

On Jan 26, 2015, at 7:32 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:

> I am interested. Is it the MkII or the MkIIG with 440?
>
>
>
> Tony
>
>
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Sunday, January 25, 2015 8:43 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] FOR SALE LIST
>
>
>
>
>
>
>
>
> ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.
>
>
>
>
>
> Michael Goins, k5wmg
> Professor, English
> Northwest Vista College
>
>
>
>
>

>
>
>
>

# 21360. Re: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 19:05:54 UTC
From: Mike Goins
Topic: 21356  Message: 21360

Dont know if the previous email went through. Its a II.

Sent from my dog's iPhone

On Jan 26, 2015, at 7:32 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:

> I am interested. Is it the MkII or the MkIIG with 440?
>
>
>
> Tony
>
>
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Sunday, January 25, 2015 8:43 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] FOR SALE LIST
>
>
>
>
>
>
>
> ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.
>
>
>
>
>
> Michael Goins, k5wmg
> Professor, English
> Northwest Vista College
>
>
>
>
>
>
>
>
>

>

# 21361. RE: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 20:13:48 UTC
From: Tony
Topic: 21356  Message: 21361

I’m looking for a IIG although I might be interested at the right price. The last two model IIg rigs have been sold on this and the blind ham lists for $500 each.

Tony

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Tuesday, January 27, 2015 1:06 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] FOR SALE LIST

Dont know if the previous email went through. Its a II.

Sent from my dog's iPhone

On Jan 26, 2015, at 7:32 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:

I am interested. Is it the MkII or the MkIIG with 440?

Tony

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Sunday, January 25, 2015 8:43 PM
To: ic706@yahoogroups.com
Subject: [ic706] FOR SALE LIST

ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.

Michael Goins, k5wmg
Professor, English
Northwest Vista College

# 21362. Re: [ic706] FOR SALE LIST

Yahoo group: ic706 (2010 — 2015)
Date: 2015-01-27 20:18:10 UTC
From: Mike Goins
Topic: 21356  Message: 21362

The price listed is freight included.
mike, k5wmg
Sent from my dog's iPhone

On Jan 27, 2015, at 2:13 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:

> I’m looking for a IIG although I might be interested at the right price. The last two model IIg rigs have been sold on this and the blind ham lists for $500 each.
>
>
>
> Tony
>
>
>
> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Tuesday, January 27, 2015 1:06 PM
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] FOR SALE LIST
>
>
>
>
>
>
>
>
>
> Dont know if the previous email went through. Its a II.
>
> Sent from my dog's iPhone
>
>
> On Jan 26, 2015, at 7:32 PM, "'Tony' tony@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>
>
> I am interested. Is it the MkII or the MkIIG with 440?
>
>
>
> Tony
>
>
>
>
>
>

> From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
> Sent: Sunday, January 25, 2015 8:43 PM
> To: ic706@yahoogroups.com
> Subject: [ic706] FOR SALE LIST
>
>
>
>
>
>
>
>
> ICOM 706 MARK II, HF plus 2 and 6 meters VHF. Receives 30 kHz-200 MHz, transmits 100 watts on HF amateur bands and 6 meter and 20 watts on 2m. CW, USB, LSB, RTTY, AM, FM, WFM. Includes long factory power cord, mike. Pictures if interested. $525 shipped.
>
>
>
>
>
> Michael Goins, k5wmg
> Professor, English
> Northwest Vista College
>
>
>
>
>
>
>
>
>
>
>
>
>
>

# 21363. Icom 706Mk 2 VHF RX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-06 20:09:52 UTC
From: mikem1alt@...
Topic: 21363  Message: 21363

Are there any known problems with the Icom 706mk 2 RX? mine is deaf and the S meter is down about 3 S points compared to my MK1.

I had the known issue with the MK1 which was the inductors under the power plug that broke off that was just a simple solder repair but the board on a 706mk2 is quite different

Any ideas?

Many thanks
Mike M1ALT

# 21364. Re: [ic706] Icom 706Mk 2 VHF RX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-06 23:17:18 UTC
From: David Stinson AB5S
Topic: 21363  Message: 21364

.....Sent from my cell phone.
Galatians 4:16

------ Original message------From: mikem1alt@gmail.com [ic706] Date: Fri, Feb 6, 2015 15:14To: ic706@yahoogroups.com;Subject:[ic706] Icom 706Mk 2 VHF RX problem

Are there  any known problems with the Icom 706mk 2 RX? mine is deaf and the S meter is down about 3 S points compared to my MK1.
I had the known issue with the MK1 which was the inductors under the power plug that broke off that was just a simple solder repair but the board on a 706mk2 is quite different
Any ideas?
Many thanks Mike M1ALT

# 21365. Re: [ic706] Icom 706Mk 2 VHF RX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-07 01:50:43 UTC
From: Facility 406 DM09
Topic: 21363  Message: 21365

"Are there any known problems with the Icom 706mk 2 RX? mine is deaf and the S meter is down about 3 S points compared to my MK1."

The MKII is notoriously deaf and will sound as expected with the pre-amp left on at all times.

Kurt

# 21366. ic706 on/off without faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-06 23:36:22 UTC
From: Dave
Topic: 21366  Message: 21366

Is there any way to remotely turn the ic706 mkII G on/off without the faceplate connected????

Thanks,

Dave - K9UK

# 21367. Re: Icom 706Mk 2 VHF RX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-07 13:45:07 UTC
From: mikem1alt@...
Topic: 21363  Message: 21367

Further observations this is right across the bands on FM! so the FM is the problem. FM is very distorted no S meter and the volume varies from normal full hiss to muted and muffled.

# 21368. Re: ic706 on/off without faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-11 21:03:22 UTC
From: rmckee1957@...
Topic: 21366  Message: 21368

Don't think so, but why would you even want to do that ? I don't thing the rig would even work without the face plate connected.

# 21369. Re: Audio feedback when transmitting

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-11 16:50:59 UTC
From: rmckee1957@...
Topic: 19055  Message: 21369

That was me that posted the original message but I didn't get any replies or email about it. Just did get this rig fixed though and got it back yesterday 02/10/2015. I told a friend about it laying in my closet with the problem and he told me to drop it off and he would look at it. He found the relay that mutes the speaker during transmit was stuck on. Instead of removing the relay and chance doing damage to the board, he mounted another mini relay inside the rig somewhere (don't know where - haven't looked yet) and connected it to a source of 8 volts during transmit to disconnect the speaker which is all the original does. Now it works like new. Had it on the air last night and got good reports of transmitted audio.

Hope this helps !

# 21370. Re: [ic706] Re: ic706 on/off without faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-11 21:59:01 UTC
From: Shaun
Topic: 21366  Message: 21370

While some rigs support it, the 706 has no command code defined to turn the radio on/off via CAT. Unfortunately, the 706 lacks many CAT commands that would have been great to have (such as the ability to name memories).

--Shaun

# 21371. Re: [ic706] Re: ic706 on/off without faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-11 23:25:32 UTC
From: LARRY J. FORD
Topic: 21366  Message: 21371

It's also twenty (20) year old technology, so it is what it is, and should not be judged too harshly in comparison to current production technology.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 06:14 PM EST, 02/11/2015
From: "Shaun tesla@... [ic706]"
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: ic706 on/off without faceplate

?

While some rigs support it, the 706 has no command code defined to turn the radio on/off via CAT. Unfortunately, the 706 lacks many CAT commands that would have been great to have (such as the ability to name memories).

--Shaun

# 21372. Re: [ic706] Re: ic706 on/off without faceplate

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-12 20:47:15 UTC
From: Dave
Topic: 21366  Message: 21372

Thanks for the reply - I am using the faceplate for a remote application and have the body available to use if I could turn it on and control it via CI- V.

Sent from Dave's iPhone

> On Feb 11, 2015, at 6:25 PM, 'LARRY J. FORD' lford@... [ic706] <ic706@yahoogroups.com> wrote:
>
> It's also twenty (20) year old technology, so it is what it is, and should not be judged too harshly in comparison to current production technology.
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: 06:14 PM EST, 02/11/2015
> From: "Shaun tesla@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [ic706] Re: ic706 on/off without faceplate
>
>
>
>
>
> While some rigs support it, the 706 has no command code defined to turn
> the radio on/off via CAT. Unfortunately, the 706 lacks many CAT commands
> that would have been great to have (such as the ability to name memories).
>
> --Shaun
>
>
>
>

# 21373. Re: [ic706] Re: Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-15 15:50:47 UTC
From: bigbob1846@...
Topic: 21339  Message: 21373

There is no such thing, you are miss informed, truckers can use there mic and talk on CB radio no matter were they are. Same with amateur radio operators in their cars or a truck use of a mic is allowed, in fact I have some friends that use leg key's to operate code going down the road.

What trucker's can be fined for is the use of radar detectors which is a real hefty fine across the country

# 21374. Re: [ic706] ICOM 706 Repair Shops that ARE NOT ICOM SERVICE Center

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-15 16:09:58 UTC
From: bigbob1846@...
Topic: 21288  Message: 21374

Scott Malcom worked for ICOM for over 10 years, he is a top notch repair person, his hourly rate is fair and below what ICOM charged.

I have taken a number of my radios along with some of my friends equipment to him. In fact I now have have a IC761 sitting in his shop from a friend who became a SK a short time ago.

One thing is that he only works on ICOM and KENWOOD radios, no Yaesu,believe me I have gotten on my hands and bended knee ask him to repair one, no luck.....

The other thing is since Icom stop repairing allot of the older Icom radio's he is backed up at time's, but he gets the job done it just takes a bit longer.

MTS
Scott Malcom
5130 Jackson Hwy
Toledo, WA 98591

# 21375. Re: [ic706] Re: Bluetooth audio

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-15 22:01:01 UTC
From: mikerodgerske5gbc@...
Topic: 21339  Message: 21375

I'll add, you can use a mic but no longer can you talk on a phone by actually holding it in a commercial vehicle. Maybe that's the confusion.
In the USA anyway.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Feb 15, 2015, at 9:50 AM, "bigbob1846@... [ic706]" <ic706@yahoogroups.com> wrote:

> There is no such thing, you are miss informed, truckers
> can use there mic and talk on CB radio no matter were
> they are. Same with amateur radio operators in their cars
> or a truck use of a mic is allowed, in fact I have some
> friends that use leg key's to operate code going down the
> road.
>
> What trucker's can be fined for is the use of radar detectors
> which is a real hefty fine across the country
>
>

# 21376. weird problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-17 20:21:58 UTC
From: richard stanley
Topic: 21376  Message: 21376

Hi I have had my ic-706 in the car for about 9 months a few days ago it flashed several times and went to 14.100 the up/down buttons no longer work and while it works fine it loses all programming everytime I switch it off.I have brought it indoors and it still loses all programming of any type after a power down.I have tried resetting the cpu but still no joy. Is there a battery or has something broken ? Regards Richard m0clz

# 21377. Re: [ic706] weird problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-17 23:54:25 UTC
From: John Geiger
Topic: 21376  Message: 21377

The 706 doesn't use a memory battery. Try removing the faceplate, cleaning the contacts, and putting it back on.

73 John AF5CC

On Tue, Feb 17, 2015 at 2:21 PM, richard stanley m0clz@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> Hi
>
> I have had my ic-706 in the car for about 9 months a few days ago it
> flashed several times and went to 14.100 the up/down buttons no longer work
> and while it works fine it loses all programming everytime I switch it off.
> I have brought it indoors and it still loses all programming of any type
> after a power down.
> I have tried resetting the cpu but still no joy.
>
> Is there a battery or has something broken ?
>
> Regards Richard m0clz
>
>
>

# 21378. Re: [ic706] weird problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-18 01:34:35 UTC
From: Wayne Bowyer
Topic: 21376  Message: 21378

Along with the previously mentioned possible fix I would also like to offer an additional suggestion. All the internal circuit boards have ground connections by way of small Phillips type srews that hold the boards to the radio chassis. It's a good idea to occasionally tighten all those screws as there are many ground return paths by way of those properly tightened connections.

73's
Wayne
n4eyz

On Tue, Feb 17, 2015 at 3:21 PM, richard stanley m0clz@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Hi
>
> I have had my ic-706 in the car for about 9 months a few days ago it
> flashed several times and went to 14.100 the up/down buttons no longer work
> and while it works fine it loses all programming everytime I switch it off.
> I have brought it indoors and it still loses all programming of any type
> after a power down.
> I have tried resetting the cpu but still no joy.
>
> Is there a battery or has something broken ?
>
> Regards Richard m0clz
>
>
>

# 21379. Re: [ic706] weird problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-02-20 19:58:54 UTC
From: hambeemer@...
Topic: 21376  Message: 21379

I have had that problem with the icom 706. However strange that you would have the problem with a car. I used to have the radio with a screwdriver antenna on 3 different BMW motorcycles. With the small size batteries on the motorcycles I would have problems with power spike on the radio if i had it on while starting the engine.

These radios are bullet proof! I don't ride the average season of riding for Minnesota. (2500-4000 miles) I usually try to ride every month. The radio used to be on the beemer in the rain and snow. However after getting the radio repaired 3 times the tech recommended that I keep the radio off the BMW.

73

tim, ab0ts
Columbia Heights, MN

# 21380. Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-03 22:41:07 UTC
From: rmckee1957@...
Topic: 21380  Message: 21380

Anyone know where to get a good deal on replacement HM-103 microphones ?

# 21381. Re: [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-04 10:53:47 UTC
From: Wayne Bowyer
Topic: 21380  Message: 21381

I don't know the quality but I've seen some Chinese knock offs on eBay.
Pretty inexpensive compared to Icom.

Wayne
N4EYZ
On Mar 4, 2015 12:31 AM, "rmckee1957@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Anyone know where to get a good deal on replacement HM-103 microphones ?
>
>

# 21382. Re: [Bulk] [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-04 14:23:52 UTC
From: Alan Beagley
Topic: 21380  Message: 21382

On 03/03/2015 05:41 PM, rmckee1957@... [ic706] wrote:
>
> Anyone know where to get a good deal on replacement HM-103 microphones ?

I think the HM-103, being classified as a "spare part," was always more expansive than one of the "accessory" microphones with a touchtone pad, so one of the current Icom ones (HM-154T, perhaps -- from memory) may be cheaper than all but a cheap "knock off" of the HM-103.

73

Alan NV8A

# 21383. Re: [Bulk] [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-04 14:58:18 UTC
From: LARRY J. FORD
Topic: 21380  Message: 21383

The HM-103 has a Heil Sound mic element in it, and the Chinese "knock-offs" almost assuredly do not.

The HM-103 mic is generally noted for good audio. In contrast, the Chinese version of the HM-36, supplied with a number of the current ICOM base rigs (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.

Frankly, I do not know about the HM-154 T. I have one, have used it sparingly with either of my 706s, but have not had reports of "poor audio," which may just be from a lack of sufficient sample size.

Another alternative, and one that I use with my "original" 706 that is a back-up base HF rig, is to use one of the small Heil headsets. I use a Heil Traveler headset (now the Heil "Micro," I believe) with my base 706 (and my main rig, a 7200) and get good audio reports. You will need to build an interface or buy the ICOM OPC-599 to convert the 8-pin round mic connector of the Heil headset to the 8-pin modular mic jack on the 706.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 09:24 AM EST, 03/04/2015
From: "Alan Beagley ajbeagley@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [Bulk] [ic706] Replacement HM-103 microphone ?

> On 03/03/2015 05:41 PM, rmckee1957@... [ic706] wrote:
> >
> > Anyone know where to get a good deal on replacement HM-103 microphones ?
>
> I think the HM-103, being classified as a "spare part," was always more
> expansive than one of the "accessory" microphones with a touchtone pad,
> so one of the current Icom ones (HM-154T, perhaps -- from memory) may be
> cheaper than all but a cheap "knock off" of the HM-103.
>
> 73
>
> Alan NV8A
>
>
>

# 21384. Re: [Bulk] [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-04 21:45:24 UTC
From: mikerodgerske5gbc@...
Topic: 21380  Message: 21384

I bought a replacement or extra at a hamfest I believe from Tower Electronics. I believe it was actually for other icoms. I guess it could be a Chinese model as it was $20 a few years ago. Seemed to work ok but just keep it as a spare. It's size is like the 154 which is nice.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Mar 4, 2015, at 8:58 AM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com> wrote:

>
> The HM-103 has a Heil Sound mic element in it, and the Chinese "knock-offs"
> almost assuredly do not.
>
> The HM-103 mic is generally noted for good audio. In contrast, the Chinese
> version of the HM-36, supplied with a number of the current ICOM base rigs
> (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.
>
> Frankly, I do not know about the HM-154 T. I have one, have used it sparingly
> with either of my 706s, but have not had reports of "poor audio," which may
> just be from a lack of sufficient sample size.
>
> Another alternative, and one that I use with my "original" 706 that is a
> back-up base HF rig, is to use one of the small Heil headsets. I use a Heil
> Traveler headset (now the Heil "Micro," I believe) with my base 706 (and my
> main rig, a 7200) and get good audio reports. You will need to build an
> interface or buy the ICOM OPC-599 to convert the 8-pin round mic connector of
> the Heil headset to the 8-pin modular mic jack on the 706.
>
> Larry J. Ford
> K4AEC
>
> ------ Original Message ------
> Received: 09:24 AM EST, 03/04/2015
> From: "Alan Beagley ajbeagley@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: Re: [Bulk] [ic706] Replacement HM-103 microphone ?
>
> > On 03/03/2015 05:41 PM, rmckee1957@... [ic706] wrote:
> > >

> > > Anyone know where to get a good deal on replacement HM-103 microphones ?
> >
> > I think the HM-103, being classified as a "spare part," was always more
> > expansive than one of the "accessory" microphones with a touchtone pad,
> > so one of the current Icom ones (HM-154T, perhaps -- from memory) may be
> > cheaper than all but a cheap "knock off" of the HM-103.
> >
> > 73
> >
> > Alan NV8A
> >
> >
> >
>
>

# 21385. 2M TX off Freq

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-05 04:48:35 UTC
From: ac2gl@...
Topic: 21385  Message: 21385

I'm new to this group, and having just bought a 706MK2G at a ham auction, I thought this is the goto place for help.

While using it for the first time on a traffic net, the CO said I sounded off frequency.

I've set the RX frequency to 147.2550 with +600 offset.

The radio says it's transmitting on 147.8550, however my frequency counter says 147.8535.

I've checked the 60MHz reference oscillator, and it's right on the money.

I tried searching the messages, but yahoo brilliantly doesn't support searching for keywords.
Has anyone had any similar problems, and what was the cause and cure?
Thanks! 73 Dave AC2GL

# 21386. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-05 14:35:34 UTC
From: rmckee1957@...
Topic: 21380  Message: 21386

0 Attachment

The HM-103 has a Heil Sound mic element in it, and the Chinese "knock-offs" almost assuredly do not.

The HM-103 mic is generally noted for good audio. In contrast, the Chinese version of the HM-36, supplied with a number of the current ICOM base rigs (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.

Frankly, I do not know about the HM-154 T. I have one, have used it sparingly with either of my 706s, but have not had reports of "poor audio," which may just be from a lack of sufficient sample size.

Another alternative, and one that I use with my "original" 706 that is a back-up base HF rig, is to use one of the small Heil headsets. I use a Heil Traveler headset (now the Heil "Micro," I believe) with my base 706 (and my main rig, a 7200) and get good audio reports. You will need to build an interface or buy the ICOM OPC-599 to convert the 8-pin round mic connector of the Heil headset to the 8-pin modular mic jack on the 706.

Larry J. Ford
K4AEC

The HM-103 has a Heil Sound mic element in it, and the Chinese "knock-offs" almost assuredly do not.

The HM-103 mic is generally noted for good audio. In contrast, the Chinese version of the HM-36, supplied with a number of the current ICOM base rigs (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.

Larry J. Ford
K4AEC <snip>

Well, I think I remedied the problem for now anyway. The problem with the original was a bad cable. The original cable had been damaged when I bought the rig used and I picked up a used Radio Shack mic at a hamfest for a couple of bucks a few years to use the cable off of it to replace the one on the Icom mic. That worked for a while but it was a cable from a mic made for the HTX-252 2 meter rig and these cables are known for self destruction in that they just start crumbling apart ! Don't know what they made it from, but I call it a biodegradable cable ! Anyway, for now I had a small speaker mic that did not fit anything I had, don't even know where I got it but it had a condenser mic element in it and a good cable. The speaker mic is a Pryme brand which is a commercial grade mic. So I cut the plug off that cable, rewired the inside of it to work with the 706 by adding a 10K ohm resistor to feed +8 volts to the element then a 0.1uF cap to block that DC from getting on the audio line. Added an RJ45 plug to the end of the cable. On the air audio reports switching betweem the HM-103 and the newly wired mic stated that the new mic sounded better and stronger than the the HM-103. The new mic shows more output on the wattmeter two but

everyone says its crystal clear with no distortion even when I'm talking into it from a foot away or close up. I did remove the tiny speaker and added a foam pad in its place to act as a pop filter. Its kind of small for my hand but will work until I find something better.

On another note, I've heard folks say that the mic element in the HM-103 is about 1 inch in diameter or bigger. Well, on close examination, that is not the mic element but seems to be some sort of ballast weight maybe. The actual mic element is about 3/8 inch in diameter and mounted on the back side of the small circuit board. The big round metal piece has no wires going to it at all !

KC8AON

0 Attachment

The HM-103 has a Heil Sound mic element in it, and the Chinese "knock-offs" almost assuredly do not.

The HM-103 mic is generally noted for good audio. In contrast, the Chinese version of the HM-36, supplied with a number of the current ICOM base rigs (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.

Frankly, I do not know about the HM-154 T. I have one, have used it sparingly with either of my 706s, but have not had reports of "poor audio," which may just be from a lack of sufficient sample size.

Another alternative, and one that I use with my "original" 706 that is a back-up base HF rig, is to use one of the small Heil headsets. I use a Heil Traveler headset (now the Heil "Micro," I believe) with my base 706 (and my main rig, a 7200) and get good audio reports. You will need to build an interface or buy the ICOM OPC-599 to convert the 8-pin round mic connector of the Heil headset to the 8-pin modular mic jack on the 706.

Larry J. Ford
K4AEC

# 21387. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-05 14:49:50 UTC
From: rmckee1957@...
Topic: 21380  Message: 21387

I think I've found a deal I can't refuse ! A member here has been good enough to offer me a good deal on one so my search has been fruitful.

KC8AON

# 21388. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-05 21:52:06 UTC
From: rmckee1957@...
Topic: 21380  Message: 21388

The HM-103 mic is generally noted for good audio. In contrast, the Chinese version of the HM-36, supplied with a number of the current ICOM base rigs (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.

Larry J. Ford
K4AEC <snip>

I have an Icom 718 also, and everyone I've taked to on it have stated it has good audio. But then a lot of these guys use a lot of audio processing that makes their rigs sound like crap, so maybe they just think it sounds good ! ;-)

KC8AON

# 21389. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-05 22:01:05 UTC
From: Hong Michael
Topic: 21380  Message: 21389

Can you be kind enough to let me in on the deal. I've been looking for a replacement as well

On Thursday, March 5, 2015 1:06 PM, "rmckee1957@gmail.com [ic706]" <ic706@yahoogroups.com> wrote:

I think I've found a deal I can't refuse !  A member here has been good enough to offer me a good deal on one so my search has been fruitful. KC8AON

# 21390. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 00:17:39 UTC
From: LARRY J. FORD
Topic: 21380  Message: 21390

It depends on when your IC-718 was manufactured, as the earlier model HM-36s were manufactured in Japan, are are of much better quality. The later versions of the HM-36s were outsourced to China, and have had a checkered history as to audio quality.

That's why I said "current" ICOM base rigs in my postings.

If you doubt what I'm reporting, subscribe to the IC-7200 Yahoo Group and there is an extensive discussion of the issue, including numerous complaints about the audio quality of the HM-36 over the past couple of years.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 06:15 PM EST, 03/05/2015
From: "rmckee1957@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Replacement HM-103 microphone ?

>
> The HM-103 mic is generally noted for good audio. In contrast, the Chinese
> version of the HM-36, supplied with a number of the current ICOM base rigs
> (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.
>
>
> Larry J. Ford
> K4AEC <snip>
>
> I have an Icom 718 also, and everyone I've taked to on it have stated it has good audio. But then a lot of these guys use a lot of audio processing that makes their rigs sound like crap, so maybe they just think it sounds good ! ;-)
>
> KC8AON

# 21391. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 00:40:03 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21380  Message: 21391

Just curious if a replacement element is available, and if it would fit
in some of the other microphones to swap out the one that is in there?

Mick - W7CAT

----- Original Message -----
From: "'LARRY J. FORD' lford@... [ic706]"
To:
Sent: Thursday, March 05, 2015 05:17:39 PM
Subject: Re: [ic706] Re: Replacement HM-103 microphone ?

> It depends on when your IC-718 was manufactured, as the earlier model
HM-36s
> were manufactured in Japan, are are of much better quality. The later
> versions of the HM-36s were outsourced to China, and have had a
checkered
> history as to audio quality.
>
> That's why I said "current" ICOM base rigs in my postings.
>
> If you doubt what I'm reporting, subscribe to the IC-7200 Yahoo Group
and
> there is an extensive discussion of the issue, including numerous
complaints
> about the audio quality of the HM-36 over the past couple of years.
>
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: 06:15 PM EST, 03/05/2015
> From: "rmckee1957@... [ic706]"
> To: ic706@yahoogroups.com
> Subject: [ic706] Re: Replacement HM-103 microphone ?
>
> >
> > The HM-103 mic is generally noted for good audio. In contrast, the
Chinese
> > version of the HM-36, supplied with a number of the current ICOM
base rigs
> > (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.
> >
> >

> > Larry J. Ford
> > K4AEC
> >
> > I have an Icom 718 also, and everyone I've taked to on it have
stated it
> has good audio. But then a lot of these guys use a lot of audio
processing
> that makes their rigs sound like crap, so maybe they just think it
sounds good
> ! ;-)
> >
> > KC8AON
>
>
>

--
Untitled Document

Be sure to check out all the latest at our web site
<http://www.wyocat.com/tarra>and look at our repeater sites
<http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>

# 21392. Re: [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 01:22:20 UTC
From: John Benson
Topic: 21380  Message: 21392

I replaced the hand mic on my MK II G with an Astatic hand mic. I used a 4

pin round to Icom modular adapter from eBay and got the mic at the local truck stop. I've used these mics for years (mobile on children's band) on both cb's and another 706 I had. Have gotten good audio reports. I prefer the larger size... Kinda like he old Motorola "cast iron" mics. Just fodder

for consideration.

73,
John, N7JLD
On Mar 3, 2015 10:31 PM, "rmckee1957@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Anyone know where to get a good deal on replacement HM-103 microphones ?
>
>

# 21393. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 13:01:59 UTC
From: rmckee1957@...
Topic: 21380  Message: 21393

Just curious if a replacement element is available, and if it would fit in some of the other microphones to swap out the one that is in there?

Mick - W7CAT

Don't know if you can buy just the element, but it would have to be an awful small mic before it wouldn't fit ! It's only about 3/8 inch in diameter or smaller !

KC8AON

# 21394. Re: [ic706] Re: HM-36 "Audio Fix" (was; Replacement HM-103 microphone ?)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 15:12:06 UTC
From: LARRY J. FORD
Topic: 21394  Message: 21394

There are several "fixes" for the reported audio issues with the later model HM-36 mics.

Here's one that a guy with a 7200 and the HM-36 devised:

http://www.k7sfn.com/cms/index.php?option=com_content&view=article&id=62:hm-36-modification&catid=25:homebrewing&Itemid=59

A friend of mine locally received a new IC-718 from his son about 2 years ago as a birthday present, but got the same "low," "muddy" audio reports as the ham in the cited link reports.

I think this is the mod he performed (or one very similar) and it improved the audio reports on his IC-718 dramatically.

There are more out there on the Internet, and some are posted on the Yahoo 7200 Group site.

I have an HM-36 with my 7200 that I got about 5 years ago. I don't know what the audio quality is because I've never used it. I use a Heil Traveler headset with my 7200 (and 706s) and the HM-36 sits gathering dust.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 02:23 AM EST, 03/06/2015
From: "Teton Amateur Radio Repeater Association tarra@wyocat.com [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: Replacement HM-103 microphone ?

> Just curious if a replacement element is available, and if it would fit
> in some of the other microphones to swap out the one that is in there?
>
>
> Mick - W7CAT
>
>
> ----- Original Message -----
> From: "'LARRY J. FORD' lford@... [ic706]"
> To:
> Sent: Thursday, March 05, 2015 05:17:39 PM
> Subject: Re: [ic706] Re: Replacement HM-103 microphone ?
>
>

> > It depends on when your IC-718 was manufactured, as the earlier model
> HM-36s
> > were manufactured in Japan, are are of much better quality. The later
> > versions of the HM-36s were outsourced to China, and have had a
> checkered
> > history as to audio quality.
> >
> > That's why I said "current" ICOM base rigs in my postings.
> >
> > If you doubt what I'm reporting, subscribe to the IC-7200 Yahoo Group
> and
> > there is an extensive discussion of the issue, including numerous
> complaints
> > about the audio quality of the HM-36 over the past couple of years.
> >
> >
> > Larry J. Ford
> > K4AEC
> >
> >
> >
> > ------ Original Message ------
> > Received: 06:15 PM EST, 03/05/2015
> > From: "rmckee1957@... [ic706]"
> > To: ic706@yahoogroups.com
> > Subject: [ic706] Re: Replacement HM-103 microphone ?
> >
> > >
> > > The HM-103 mic is generally noted for good audio. In contrast, the
> Chinese
> > > version of the HM-36, supplied with a number of the current ICOM
> base rigs
> > > (e.g., 7200, 718, etc.) is almost universally "panned" for poor audio.
> > >
> > >
> > > Larry J. Ford
> > > K4AEC
> > >
> > > I have an Icom 718 also, and everyone I've taked to on it have
> stated it
> > has good audio. But then a lot of these guys use a lot of audio
> processing
> > that makes their rigs sound like crap, so maybe they just think it
> sounds good
> > ! ;-)
> > >
> > > KC8AON
> >
> >
> >

>
>
> --
> Untitled Document
>
>
> Be sure to check out all the latest at our web site
> <http://www.wyocat.com/tarra>and look at our repeater sites
> <http://www.wyocat.com/tarra/site_pics.html>! IRLP Node 3464 <#>
>
>
>
>
>
>
>

# 21395. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-06 18:08:46 UTC
From: Teton Amateur Radio Repeater Association
Topic: 21380  Message: 21395

I figured it was worth a thought.

Mick - W7CAT

----- Original Message -----
From: "rmckee1957@gmail.com [ic706]" mailto:rmckee1957@gmail.com[ic706]
To: ic706@yahoogroups.com mailto:ic706@yahoogroups.com
Sent: Friday, March 06, 2015 06:01:59 AM
Subject: Re: [ic706] Re: Replacement HM-103 microphone ?

> Just curious if a replacement element is available, and if it would fit in some of the other microphones to swap out the one that is in there?
>
> Mick - W7CAT
>
> Don't know if you can buy just the element, but it would have to be an awful small mic before it wouldn't fit ! It's only about 3/8 inch in diameter or smaller !
>
> KC8AON

# 21396. Re: [ic706] Re: HM-36 "Audio Fix" (was; Replacement HM-103 microphone ?)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-07 14:37:07 UTC
From: rmckee1957@...
Topic: 21394  Message: 21396

There are several "fixes" for the reported audio issues with the later model HM-36 mics.
<snip>

A mod that I'm going to try on the mic (HM-36) that goes to my IC-718 since I have an HM-103 on its way for the 706, is to take the element out of my old HM-103 and install it in my HM-36. The element in the HM-103 is supposed to be a Heil cartridge of superior quality so I'm hoping I t will improve the audio quality of my 718. But then everyone I've talk to makes comments about how good the audio sounds on the 718 to begin with and I've heard a few of them on the air from folks I know and it sounds just like their voices do in person.

I'm also experimenting with a single transistor preamp for a desk mic I'm building and the element from the old HM-103 might go into that if it works out ok.
KC8AON

# 21397. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-07 16:19:57 UTC
From: rmckee1957@...
Topic: 21380  Message: 21397

I figured it was worth a thought.

Mick - W7CAT <snip>

On another note, if you have any old cordless phones lying around you can salvage 2 condenser mic elements from each one. One in the handset and one in the base for the hands free speaker phone. I've used these through the years as replacement cartridges and always get good audio reports with them. You can also get them from old defunct digital cameras or old video cameras.
KC8AON

# 21398. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-07 15:42:30 UTC
From: rmckee1957@...
Topic: 21380  Message: 21398

If you doubt what I'm reporting, subscribe to the IC-7200 Yahoo Group and there is an extensive discussion of the issue, including numerous complaints about the audio quality of the HM-36 over the past couple of years.

Larry J. Ford
K4AEC <snip>

Thanks Larry, my 718 is like new having not been used much but is pre 2009. I will look at the mic later to see if its marked Japan or China.
KC8AON

# 21399. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-07 15:40:32 UTC
From: rmckee1957@...
Topic: 21380  Message: 21399

Can you be kind enough to let me in on the deal. I've been looking for a replacement as well <snip>

Well, I think that member may have had only the one mic but I guess you could just see if anyone responds to your request.
KC8AON

# 21400. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-08 17:15:44 UTC
From: LARRY J. FORD
Topic: 21380  Message: 21400

I think it may be as simple as looking on the back and seeing if it says "Made in Japan" versus "Made in China." It is the latter versions, made in China, that reportedly give the problems.

My 7200 was made in 2009 (probably latter part), as I took delivery from HRO in early January, 2010, as I recall. As I recall (not in the shack at the moment), the HM-36 that came with the 7200 is one of the Chinese versions.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 04:55 AM EDT, 03/08/2015
From: "rmckee1957@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: Replacement HM-103 microphone ?

> If you doubt what I'm reporting, subscribe to the IC-7200 Yahoo Group and
> there is an extensive discussion of the issue, including numerous
complaints
> about the audio quality of the HM-36 over the past couple of years.
>
>
> Larry J. Ford
> K4AEC <snip>
>
> Thanks Larry, my 718 is like new having not been used much but is pre 2009.
I will look at the mic later to see if its marked Japan or China.
> KC8AON
>

# 21401. Re: [ic706] Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-09 03:53:03 UTC
From: yhnoelc@...
Topic: 21380  Message: 21401

I have two of these "knock-off" microphones. The DTMF has quite audible processor noise in the background, & the audio quality matches the price. Apparently the audio quality can be improved by changing the capacitor inside, but I have not done this to mine yet.

# 21402. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-09 11:28:20 UTC
From: rmckee1957@...
Topic: 21380  Message: 21402

Yeah, My HM-36 is marked made in China but my HM-103 is made in Japan. But I still get good audio reports from the HM-36 and the IC-718.

KC8AON

# 21403. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-10 14:05:00 UTC
From: LARRY J. FORD
Topic: 21380  Message: 21403

Just like the old saying "Beauty is in the eye of the beholder," perhaps "good audio" is relative as well.

Common audio reports on the HM-36 mic made in China are that it's "muddy," at least on the 7200. That's what the local ham with the 718 and the Chinese HM-36 sounded like before he did the mod on the mic.

However, gain and comp settings can perhaps make up for some of the problems, what are yours?

I suppose there could be variances in build quality with different runs, so you may have just "lucked-out" on yours.

If it works for you, great, keep it; others have had a different experience.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:55 PM EDT, 03/09/2015
From: "rmckee1957@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: Replacement HM-103 microphone ?

> Yeah, My HM-36 is marked made in China but my HM-103 is made in Japan. But I still get good audio reports from the HM-36 and the IC-718.
>
> KC8AON
>

# 21404. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-10 14:36:37 UTC
From: rmckee1957@...
Topic: 21380  Message: 21404

Just like the old saying "Beauty is in the eye of the beholder," perhaps "good audio" is relative as well. <snip>

Well, just like I said before. Some of the guys I talk to use a lot of outboard audio processing and their audio sounds like they got their heads and microphones down in a 55 gallon drum and I think it sounds like crap but they like it. So maybe my mic sounds like that and its something they like. Now that I have replaced my HM-103 on the 706, I might use the element from the old HM-103 and put it in the HM-36 for use on the IC-718 in hopes that it will get great audio. Everyone always comments how good the audio is on the 706, so maybe the element change will improve the 718 - time will tell.

KC8AON

# 21405. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-10 21:54:07 UTC
From: rmckee1957@...
Topic: 21380  Message: 21405

However, gain and comp settings can perhaps make up for some of the problems,
what are yours? <snip>

I never use the compressor on the 706, and I keep the mic gain at 6. On the 718 I keep the mic gain at 6 also and don't use the compressor, but the compressor on the 718 is not adjustable, just on or off with no menu for setting it. But when I have switched it on, people say it sounds awful, so I just don't use it. Don't know why they put a compressor circuit in a radio that isn't adjustable ?
KC8AON

# 21406. Re: [ic706] Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-12 19:28:12 UTC
From: mikerodgerske5gbc@...
Topic: 21380  Message: 21406

The best way to test audio is with someone who knows you or is used to talking to you or devising a way to record or listen to your own audio which can be challenging.

I've decided the best hint of good audio is NOT having to repeat yourself.

How many times have you heard good audio reports on the air and wondered, how can they say that?

Of course, unsolicited good reports are good too.

73
Mike R

Jimmy & Jimmy we will miss you.

Thanks for the music. Rest in peace. Little Jimmy Dickens and
The singing Cajun Jimmy C. Newman.

On Mar 10, 2015, at 4:54 PM, "rmckee1957@... [ic706]" <ic706@yahoogroups.com> wrote:

> However, gain and comp settings can perhaps make up for some of the problems,
> what are yours? <snip>
>
>
>
> I never use the compressor on the 706, and I keep the mic gain at 6. On the 718 I keep the mic gain at 6 also and don't use the compressor, but the compressor on the 718 is not adjustable, just on or off with no menu for setting it. But when I have switched it on, people say it sounds awful, so I just don't use it. Don't know why they put a compressor circuit in a radio that isn't adjustable ?
>
> KC8AON
>
>

# 21407. The MDSR Team release a new Spectrum Analyzer Software

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-13 04:56:33 UTC
From: alexschwarz237@...
Topic: 21407  Message: 21407

Hi Everybody;

The MDSR team has completed a new software development. This time it is a new spectrum analyzer with a twist.
We have developed a new SAC (spectral amplitude correction) feature for it and it allows to correct the displayed spectrum to a flat display by correcting the filter skirts amplitude. A totally flat spectrum results, just as you would expect from a professional grade instrument.
See the link to the PDF manual for how it is done and how you can upgrade your transceiver.
Java SA Manual.pdf http://www3.telus.net/public/bc237/MDSR/Java_SA_V1-0.pdf

Also check out our website and join our Yahoo user group;

http://groups.yahoo.com/group/mdsradio/ http://groups.yahoo.com/group/mdsradio/

https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

All the best from the MDSR Team
Note: All software developed by the MDSR team is free for amateur radio use.

# 21408. Re: Replacement HM-103 microphone ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-15 16:38:03 UTC
From: mu0chn@...
Topic: 21380  Message: 21408

Another way to monitor your audio is to use one of the webSDR sites. Hope this helps

73
Jes

# 21409. No power!

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-19 17:22:08 UTC
From: eriksenharald46@...
Topic: 21409  Message: 21409

Hi.
My old IC-706 serial number 12857 is not powering up when I pres power button. I can hear the clik from the ralay and the fan starts up for a second. But no life Display, and no speaker sound.
All fuses are okay.
Have any tips on what I should begin and scheck to find fault?
Or can anyone recommend a service company or a person who is good at 706!
Thanks for your feedback.

73 de ..4vna

# 21410. IC-706MkIIG No tx output on VHF band. Rx ok.

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-19 17:37:24 UTC
From: eriksenharald46@...
Topic: 21410  Message: 21410

IC-706MkIIG serial no. 10158.
Error:
No Tx on VHF band, Rx is in order, and on all other bands.
What should I check/measure first?
I have no servoce form, but hope to find it online!
Thanks for all your feedback.
73 de ..4vna

# 21411. Re: [ic706] No power!

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-19 18:02:36 UTC
From: <awaschka@...>
Topic: 21409  Message: 21411

Remove the front panel and clean the contacts lightly with a pencil eraser.

The radio is very sensitive to bad connections to the front panel

Al

K5TAN

Sent from Windows Mail

From: eriksenharald46@yahoo.com [ic706]
Sent: ☐Thursday☐, ☐March☐ ☐19☐, ☐2015 ☐1☐:☐22☐ ☐PM
To: ic706@yahoogroups.com

Hi.

My old IC-706 serial number 12857 is not powering up when I pres power button. I can hear the clik from the ralay and the fan starts up for a second. But no life Display, and no speaker sound.

All fuses are okay.

Have any tips on what I should begin and scheck to find fault?

Or can anyone recommend a service company or a person who is good at 706!

Thanks for your feedback.

73 de ..4vna

# 21412. Re: [ic706] IC-706MkIIG No tx output on VHF band. Rx ok.

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-19 17:57:45 UTC
From: Steve Malich
Topic: 21410  Message: 21412

Sounds like the same problem I had with my 706MKII only on the HF side.
Diagnosis was a bad PA unit. Good luck finding one of those at a reasonable
price! I ended up buying another radio, Yaesu FT-450D and love it.

Steve
AB4XJ
On Mar 19, 2015 1:51 PM, "eriksenharald46@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> IC-706MkIIG serial no. 10158.
>
> Error:
>
> No Tx on VHF band, Rx is in order, and on all other bands.
>
> What should I check/measure first?
>
> I have no servoce form, but hope to find it online!
>
> Thanks for all your feedback.
>
> 73 de ..4vna
>
>

# 21413. Re: IC706 Rotary Encoder

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-23 22:20:10 UTC
From: w5swv@...
Topic: 13442  Message: 21413

I am looking for the same thing. I need an encoder for the original IC706. 24 pulse looks to be a mechanical encoder?

Thanks,
Jim - W5SWV

# 21414. Strange speaker output on 20m USB

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-31 07:09:29 UTC
From: Robert Duck VK2VRD
Topic: 21414  Message: 21414

My IC70k-MKIIG has started behaving strangely.

When the radio is in the receive mode the output from my speaker sounds normal for 160m, 80m & 40m. When I go to 20m (and I think all bands above) the received audio is very high and scratchy.

If I change the mode to CW the audio seems to be what I would expect on USB.

I am assuming that the output on transmit is the correct mode as I have been able to make contacts on the band and no-one has advised me that the signal is unreadable.

Has anyone had a similar problem or can point me in the right direction to overcome this problem?
--
Robert Duck - VK2VRD

# 21415. Re: [ic706] Strange speaker output on 20m USB

Yahoo group: ic706 (2010 — 2015)
Date: 2015-03-31 21:16:41 UTC
From: LARRY J. FORD
Topic: 21414  Message: 21415

?

Does the problem appear on an external speaker as well, or is it limited to the internal speaker?

?

Larry J. Ford
K4AEC

------ Original Message ------
Received: 03:24 PM EDT, 03/31/2015
From: "Robert Duck VK2VRD robert@vk2vrd.info [ic706]"
To: ic706@yahoogroups.com
Subject: [ic706] Strange speaker output on 20m USB

?

My IC70k-MKIIG has started behaving strangely.

When the radio is in the receive mode the output from my speaker sounds normal for 160m, 80m 40m. When I go to 20m (and I think all bands above) the received audio is very high and scratchy.

If I change the mode to CW the audio seems to be what I would expect on USB.

I am assuming that the output on transmit is the correct mode as I have been able to make contacts on the band and no-one has advised me that the signal is unreadable.

Has anyone had a similar problem or can point me in the right direction to overcome this problem?

--
Robert Duck - VK2VRD

# 21416. New

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-12 09:29:17 UTC
From: paddy973@...
Topic: 21416  Message: 21416

Hi just thought I'd say hallo and thanks for letting me join the group, I have just bought a 706mk2g for the car, I forgot how good this little radio is, when I had one before it got me all the way to Japan with a bit of wire out of my bedroom window.

# 21417. 20years of ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-15 12:41:43 UTC
From: vk5zuc@...
Topic: 21417  Message: 21417

I have had my 706 for nearly 20years.
Still working fine.
When did they first come of the production line?
When is the 20th birthday?

Andrew de VK5CV

# 21418. Re: 20years of ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-15 15:16:52 UTC
From: ik2agx@...
Topic: 21417  Message: 21418

Andrew,

I don't know exactly, but ICOM Calendar shows 1995, no month mentioned, sorry.

73, Dave

# 21419. Re: 20years of ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-16 05:41:43 UTC
From: skyjeepaviation@...
Topic: 21417  Message: 21419

Ordered mine August 1995, I think it was due in October as the 2nd batch expoerted here. I still use it daily. Mk2G has developed many faults, but still works for some applications.

# 21420. Re: [ic706] Re: 20years of ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-16 13:56:08 UTC
From: LARRY J. FORD
Topic: 21417  Message: 21420

The old QST magazines from that era probably have a little "blurb" announcing the introduction of the 706; the full product review would have been published some time later.

Major amateur radio products/advancements tend to get announced/introduced at Dayton. Maybe a safe bet to assume that's when it was?

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:21 PM EDT, 04/15/2015
From: "ik2agx@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Re: 20years of ic706

>
> Andrew,
>
> I don't know exactly, but ICOM Calendar shows 1995, no month mentioned, sorry.
>
> 73, Dave

# 21421. Re: [ic706] Re: 20years of ic706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-16 20:00:25 UTC
From: Mark Brueggemann
Topic: 21417  Message: 21421

----- Original Message -----
From: "'LARRY J. FORD' lford@...

> The old QST magazines from that era probably have a little "blurb" announcing

> the introduction of the 706;

What's the FCC ID #? Not sure if the FCC has records going back that far online though.

Mark K5LXP
Albuquerque, NM

# 21422. 706 Power Connector Woes

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-16 23:44:26 UTC
From: <awaschka@...>
Topic: 21417  Message: 21422

I have two problems with power connectors for my 706 and 706 Mk II.

On the 706 Mk II, the part of the radio power connector that has the locking wedge on it has broken off. The power cord will no longer lock. Icom has the connector block available, but can’t tell me where to get an extraction tool. Does anyone know a source for the proper extraction tool? Are there any other sources for the nylon connector housing? Icom doesn’t have anything available except the housing. Are there any sources for the pins that go into the connector on the radio?

I bought an alleged Icom power connector at a hamfest. It is apparently a generic Molex with the wrong size pins. Is there a source (other than Icom) for the correct size pins? They may be the .084 Molex pins, but they are not the .093 pins.

Thanks,

Al

# 21423. RE: [ic706] 706 Power Connector Woes

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-16 23:41:54 UTC
From: D Anderson
Topic: 21417  Message: 21423

I Believe the connector is manuf by : JTC (Japan Terminal Company)
The pin dia=.082
try:
Cedar City Sales
Buxcomm

Tnx - Dave K6QDD

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Thursday, April 16, 2015 4:44 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 Power Connector Woes

I have two problems with power connectors for my 706 and 706 Mk II.

1.. On the 706 Mk II, the part of the radio power connector that has the locking wedge on it has broken off. The power cord will no longer lock. Icom has the connector block available, but can’t tell me where to get an extraction tool. Does anyone know a source for the proper extraction tool? Are there any other sources for the nylon connector housing? Icom doesn’t have anything available except the housing. Are there any sources for the pins that go into the connector on the radio?
2.. I bought an alleged Icom power connector at a hamfest. It is apparently a generic Molex with the wrong size pins. Is there a source (other than Icom) for the correct size pins? They may be the .084 Molex pins, but they are not the .093 pins.

Thanks,

Al

# 21424. Re: [ic706] 706 Power Connector Woes

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-17 01:37:24 UTC
From: <awaschka@...>
Topic: 21417  Message: 21424

Thanks Dave. I fixed the MkII by cannibalizing the original 706 since I need to send it off for an HF/VHF switch problem repair.

I think I have found Molex equivalents for the pins, and maybe the cable connector but I can't find the radio nylon block. I'll try your suggested sources.

73,

Al

Sent from Windows Mail

From: 'D Anderson' lacydog@jps.net [ic706]
Sent: ☐Thursday☐, ☐April☐ ☐16☐, ☐2015 ☐7☐:☐41☐ ☐PM
To: ic706@yahoogroups.com

☐

I Believe the connector is manuf by : JTC (Japan Terminal Company)

The pin dia=.082

try:

Cedar City Sales

Buxcomm

Tnx - Dave K6QDD

-----Original Message-----
From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Thursday, April 16, 2015 4:44 PM
To: ic706@yahoogroups.com
Subject: [ic706] 706 Power Connector Woes

I have two problems with power connectors for my 706 and 706 Mk II.

On the 706 Mk II, the part of the radio power connector that has the locking wedge on it has broken off. The power cord will no longer lock. Icom has the connector block available, but can't tell me where to get an extraction tool. Does anyone know a source for the proper extraction tool? Are there any other sources for the nylon connector housing? Icom doesn't have anything available except the housing. Are there any sources for the pins that go into the connector on the radio?

I bought an alleged Icom power connector at a hamfest. It is apparently a generic Molex with the wrong size pins. Is there a source (other than Icom) for the correct size pins? They may be the .084 Molex pins, but they are not the .093 pins.

Thanks,

Al

# 21425. Re: [ic706] 706 Power Connector Woes

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-18 19:52:29 UTC
From: Mark Brueggemann
Topic: 21417  Message: 21425

From: "awaschka@... [ic706]" <ic706@yahoogroups.com>

> I have two problems with power connectors for my 706 and 706 Mk II.

Sounds like a candidate for Power Poles.

Mark K5LXP
Albuquerque, NM

# 21426. Re: [ic706] 706 Power Connector Woes

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-18 21:58:55 UTC
From: <awaschka@...>
Topic: 21417  Message: 21426

Ok, here is what I did:

Ordered the nylon/delrin/whatever block from Icom

Found the .084 pins and sockets on eBay

I'll post when they come in to confirm that it works, but I measured the pins in the radio connector and they were .084, so I am hopeful.

73,

Al

Sent from Windows Mail

From: Mark Brueggemann qrq_cw@yahoo.com [ic706]
Sent: ☐Saturday☐, ☐April☐ ☐18☐, ☐2015 ☐3☐:☐52☐ ☐PM
To: ic706@yahoogroups.com

From: "awaschka@bellsouth.net [ic706]" <ic706@yahoogroups.com>

> I have two problems with power connectors for my 706 and 706 Mk II.

Sounds like a candidate for Power Poles.

Mark K5LXP
Albuquerque, NM

# 21427. New member

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-19 01:06:16 UTC
From: hildegardhansen@...
Topic: 19560  Message: 21427

Nice group!!
I have a Icom 706 MKIIG Installed on my boat abd a problem.☐☐
It iS ot transmitting and looks that other members had problems with the PA.
Hopefully is not the case.
I was looking for possible cause and repair center.
I will keep you update!
Sincerely
Roberto

# 21428. Re: [ic706] New member

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-19 09:10:53 UTC
From: Ralph Mowery
Topic: 19560  Message: 21428

A very good repair center is :www.sarts1.com
Matt Adrian is the person that does the repairs.
I have had a 706mk2g repaired by him.

From: "hildegardhansen@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Saturday, April 18, 2015 9:06 PM
Subject: [ic706] New member

Nice group!!
I have a Icom 706 MKIIG Installed on my boat abd a  problem.☐☐
It iS ot transmitting and looks that other members had problems with the PA.
Hopefully is not the case.
I was looking for possible cause and repair center.
I will keep you update!
Sincerely
Roberto

# 21429. Re: [ic706] SAR Technical Services, Inc. Michigan (was New member)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-19 16:29:07 UTC
From: LARRY J. FORD
Topic: 21429  Message: 21429

I definitely agree with the endorsement of Matt Adrian, who operates SAR Technical Services, Inc., the ICOM Authorized Service Center in Michigan (although it is his own, independent business) for good work. In the past, he has worked on my IC-706, IC-706MKII, IC-7200, and my AH-4 autotuner.

Unfortunately, and apparently due to changes in ICOM Policy and provision/supply of parts by ICOM, the only 706 model his shop can now work on is the IC-706MKIIG.

I tried to send Matt an IC-706MKII recently for repair for my 82-year old "Elmer," and Matt reported the above policy.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 05:11 AM EDT, 04/19/2015
From: "Ralph Mowery ku4pt@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] New member

> A very good repair center is :www.sarts1.com
> Matt Adrian is the person that does the repairs.
> I have had a 706mk2g repaired by him.
>
> From: "hildegardhansen@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Sent: Saturday, April 18, 2015 9:06 PM
> Subject: [ic706] New member
>
> Nice group!!
> I have a Icom 706 MKIIG Installed on my boat abd a  problem.☐☐
> It iS ot transmitting and looks that other members had problems with the
PA.
> Hopefully is not the case.
> I was looking for possible cause and repair center.
> I will keep you update!
> Sincerely
> Roberto
>
>

# 21430. VOX problem

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-20 08:00:23 UTC
From: vk3pr@...
Topic: 21430  Message: 21430

Had my 706MK11G for yonks and a 706 before that. Never tried the VOX but have on my previous ICOMs. My original microphone died and I am now using an HM-154T.
I tried VOX with all the parameters correctly set (and all other variations) with no transmit. Is it my fault or has the comparator or some other function/component died?
I was intending to use it for Free DV but will use Signalink and the 13 pin port if it is not due to operator failure.
Help appreciated.
Stewart.

# 21431. Re: SAR Technical Services, Inc. Michigan (was New member)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-20 13:52:10 UTC
From: Tom Root
Topic: 21429  Message: 21431

And I agree, Matt Adrian in St. Joseph, MI is the best ICOM serviceman I've ever encountered..easy to deal with..very honest..T

Tom Root (WB8UUJ)

Flushing, MI USA

# 21432. Re: [ic706] SAR Technical Services, Inc. Michigan (was New member)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-23 01:01:04 UTC
From: connifer@...
Topic: 21429  Message: 21432

I would have to say Matt does a great job. He has worked on two rigs for me, a Ic7000 still under warranty and a 706mk2g and both radios now work flawlessly.

# 21433. Re: [ic706] Re: SAR Technical Services, Inc. Michigan (was New member)

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-25 19:56:04 UTC
From: HILDEGARD HANSEN
Topic: 21429  Message: 21433

Hi Group!
I sent the radio to Amateur radio service in South Carolina.
Paul, the owner, called me the day after he received and told me the radio is not worth the repair and suggested me to sell it as it is.
I'm now looking for a used radio to install on board my sailing boat.
Being the radio my only mean to relay my position ashore and have weather forecast it is something I really need.
Where is the best place to look for used radio??
I was happy with the 706!
There are other similar radio I should look at??
I need something that is open to all frequencies and that doesn't cost a fortune.
Thanks for your help!!

Sent from my iPhone

> On Apr 20, 2015, at 9:52, "'Tom Root' wb8uuj@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> And I agree, Matt Adrian in St. Joseph, MI is the best ICOM serviceman I've ever encountered….easy to deal with….very honest….T
>
>
>
> Tom Root (WB8UUJ)
>
> Flushing, MI USA
>
>
>
>

# 21434. Free DV SignaLink and MK11G

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-28 10:54:05 UTC
From: vk3pr@...
Topic: 21434  Message: 21434

I have set up free dv software and connected to the radio via SignaLink. All goes well in receive . Transmiting (with USB selected on the radio) the PTT operated as indicated on the SignaLink and the radio but my radio does not indicate any output on the Po meter. All sound levels are as recommended. Has anyone had experience with this setup?

# 21435. Re: [ic706] Free DV SignaLink and MK11G

Yahoo group: ic706 (2010 — 2015)
Date: 2015-04-28 14:04:12 UTC
From: LARRY J. FORD
Topic: 21434  Message: 21435

Well, there's a number of variables in what you are trying to do that you don't mention, but the setup sounds similar to the 706 setup for soundcard digital modes (which I run on a 706 with a Signalink).

Are you getting a TX indication on the 706? If not, that is why there is no power output

In addition to the cable connecting the Signalink to the computer and the cable connecting the Signalink to the 706 (13-pin DIN ACC port on back), I also have to have a USB/CI-V cable connecting the 706 to the computer.

That maybe why you are not getting the TX/power output on the 706.

On the other hand, if the Signalink link IS keying the 706, and there is a TX indication on the rig, there may be no power output because the sound card level for the Signalink is set too low in either (1) the "free DV software or (2) the soundcard manager (in either the DV software or the computer) managing the levels in the Signalink.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 06:59 AM EDT, 04/28/2015
From: "vk3pr@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Free DV SignaLink and MK11G

> I have set up free dv software and connected to the radio via SignaLink. All goes well in receive . Transmiting (with USB selected on the radio) the PTT operated as indicated on the SignaLink and the radio but my radio does not indicate any output on the Po meter. All sound levels are as recommended. Has anyone had experience with this setup?

# 21436. MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 00:44:09 UTC
From: Alexander N. Gerli
Topic: 21436  Message: 21436

Hi, everyone! Are these two items: the Remote Head Mount and the Separation

Cable available ANYWHERE? Egads, I can't seem to find any place that has them. I'm fixing to mount my '706MKIIG in my pickup and already have a floor mount to attach the MB-63 to. Not going to do much good if I can't find one, HI.

Hope someone can point me to these.

73, Sandy AC1Y

Alexander N. Gerli, Sr.
548 Allred Mill Road
Mount Airy, NC 27030-2202

Scotsmen walk about 900 miles each year.
A Scotsman drinks around 45 gallons of Whisky a year.
Scotsmen get about 20 Miles Per Gallon.

# 21437. Re: [ic706] MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 01:37:14 UTC
From: Stan
Topic: 21436  Message: 21437

I see them on Ebay quite often. They often sell for more, but sometimes less, than original retail.

73
Stan K8LL
NW Ohio
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
---
On 5/7/2015 8:44 PM, 'Alexander N. Gerli' ac1wye@... [ic706] wrote:
> Hi, everyone! Are these two items: the Remote Head Mount and the
> Separation Cable available ANYWHERE? Egads, I can't seem to find any
> place that has them. I'm fixing to mount my '706MKIIG in my pickup and
> already have a floor mount to attach the MB-63 to. Not going to do
> much good if I can't find one, HI.
>
> Hope someone can point me to these.
>
>  73, Sandy AC1Y
>
>
>
>
> Alexander N. Gerli, Sr.
> 548 Allred Mill Road
> Mount Airy, NC 27030-2202
>
> Scotsmen walk about 900 miles each year.
> A Scotsman drinks around 45 gallons of Whisky a year.
> Scotsmen get about 20 Miles Per Gallon.
>

# 21438. RE: [ic706] MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 01:11:00 UTC
From: Rich Bauer
Topic: 21436  Message: 21438

I might bne wrong but I think you can substitute Cat5 cable for the separation. personally I use velcro to mount the head to the dash. would that work for you?

'73,
rich, n9dko
Every retired man needs three things....a good truck, a good dog and a working wife

_____
Hi, everyone! Are these two items: the Remote Head Mount and the Separation Cable available ANYWHERE? Egads, I can't seem to find any place that has them. I'm fixing to mount my '706MKIIG in my pickup and already have a floor mount to attach the MB-63 to. Not going to do much good if I can't find one, HI.

# 21439. Re: [ic706] MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 02:34:27 UTC
From: Stan
Topic: 21436  Message: 21439

The 706s have a _special cable_ for separation, unfortunately...
I see them on Ebay regularly.

73
Stan K8LL
NW Ohio
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
---
On 5/7/2015 9:11 PM, 'Rich Bauer' rk911@... [ic706] wrote:
>
> I might bne wrong but I think you can substitute Cat5 cable for the
> separation. personally I use velcro to mount the head to the dash.
> would that work for you?
>
> '73,
> rich, n9dko
> Every retired man needs three things....a good truck, a good dog and a
> working wife
> _____
> Hi, everyone! Are these two items: the Remote Head Mount and the
> Separation Cable available ANYWHERE? Egads, I can't seem to find any
> place that has them. I'm fixing to mount my '706MKIIG in my pickup and
> already have a floor mount to attach the MB-63 to. Not going to do
> much good if I can't find one, HI.
>
>

# 21440. Re: [ic706] MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 02:39:19 UTC
From: Curt Phillips W4CP
Topic: 21436  Message: 21440

If you keep looking at eBay you can find them for sale from time to time.  The prices keep going up though.
73,Curt W4CPRaleigh, NC USA
From: "'Alexander N. Gerli' ac1wye@... [ic706]" <ic706@yahoogroups.com>

To: ic706@yahoogroups.com
Sent: Thursday, May 7, 2015 8:44 PM
Subject: [ic706] MB-63 and OPC-581

  Hi, everyone! Are these two items: the Remote Head Mount and the Separation Cable available ANYWHERE? Egads, I can't seem to find any place that has them. I'm fixing to mount my '706MKIIG in my pickup and already have a floor mount to attach the MB-63 to. Not going to do much good if I can't find one, HI.

Hope someone can point me to these.

73, Sandy AC1Y

Alexander N. Gerli, Sr.

548 Allred Mill Road
Mount Airy, NC 27030-2202

Scotsmen walk about 900 miles each year.
A Scotsman drinks around 45 gallons of Whisky a year.
Scotsmen get about 20 Miles Per Gallon.

# 21441. RE: [ic706] MB-63 and OPC-581

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-08 09:06:44 UTC
From: gw0div@...
Topic: 21436  Message: 21441

CAT5 doesn't have the correct connectors!! The connectors are proprietary ICOM ones that can't be bought off the shelf. You have to remember these radios have been out of production for over a decade so getting new accessories is virtually impossible!!

Rhys
GW0DIV

# 21442. Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 02:57:42 UTC
From: Roberto Cavallo
Topic: 21442  Message: 21442

I would like to connect an Asus netbook to an Icom 706 MKIIG to download weather fax.

The asus has the combo jack and the Icom I believe is stereo.
I believe so because the radio came with a little bag that have two TRS (1/8 and 1/4) jacks inside but maybe is balance
□□

I looked to buy something already done but I didn't find anything.
So I demounted a headphone with mic for an old phone.
Stating from the tip is the + left speaker, than + right speaker, the common - and the sleeve is + mic.
How should I solder them on the Icom side that has 3 electrical connection ??

The mic wire just to the tip and the negative to the sleeve??
Or to both??
It will work???

Thank you
R.

# 21443. Re: Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 07:48:43 UTC
From: richard stanley
Topic: 21442  Message: 21443

I use the ACC socket on the back of the radio page 6 in the manual.

# 21444. Re: Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 12:55:34 UTC
From: hildegardhansen@...
Topic: 21442  Message: 21444

Thank you Richard,
Which pin did you use??

Do you think the wire of a cheap headphone I'm using is strong enough or I need something else for this signal??
Thanks
R.

# 21445. Re: [ic706] Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 14:03:22 UTC
From: LARRY J. FORD
Topic: 21442  Message: 21445

Robert,

So you're just looking to pass the audio from the 706 to the Netbook in order for the software program to decode the transmitted fax tones into a fax image on screen? (Pardon the elementary statement but wanted to make sure that you are not talking about CAT control, or other advanced functions associated with soundcard digital ("SCD") modes, etc.)

I have "experimented" with monitoring and copying SCD transmissions by plugging an audio extension cable into the 1/8" headphones jack on the 706 control head and plugging the other end into the mic jack on an ASUS laptop. The audio cable has 1/8" plugs on each each which fit the jacks on the control head and the ASUS mic jack.

I copied the SCD transmissions with FLIGI running on the ASUS laptop and it does copy the tones with the wiring I described. Not as good as running it through a Signalink, for example, because there is no filtering, etc., it's just raw audio.

I think I got the audio extension cable at Radio Shack (one of the things they DO carry for hobbyists!), and it's probably a stereo cable, but didn't seem to make a difference. No soldering required!

So that's what I did that sounds similar to what you have described, if I understand your goal correctly.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 12:27 AM EDT, 05/18/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Connect a 706 to a netbook

> I would like to connect an Asus netbook to an Icom 706 MKIIG to download
weather fax.
>
>
> The asus has the combo jack and the Icom I believe is stereo.
> I believe so because the radio came with a little bag that have two TRS (1/8
and 1/4) jacks inside but maybe is balance ☐☐
>
>
> I looked to buy something already done but I didn't find anything.
> So I demounted a headphone with mic for an old phone.

> Stating from the tip is the + left speaker, than + right speaker, the common - and the sleeve is + mic.
> How should I solder them on the Icom side that has 3 electrical connection ??
>
>
> The mic wire just to the tip and the negative to the sleeve??
> Or to both??
> It will work???
>
>
>
>
> Thank you
> R.
>

# 21446. R: Re: [ic706] Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 14:34:34 UTC
From: Roberto Cavallo
Topic: 21442  Message: 21446

Hi Larry and all.
I would like to use jvcom32 to download weather fax.
Here is a list of the frequencies to use if anybody is interested

http://www.nws.noaa.gov/om/marine/rfax.pdf

The problem is that the little asus netbook have a TRRS jack like the phones instead of the two separate audio in / audio out jacks on other PC.

The Icom have a TRS connector so I have now two wire coming from the computer mic + and - and 3 pin on the Icom jack and I was wondering where to solder them.
I know the - is the sleeve but I don't know if the mic need to be connected to one or both ring....

I just soldered to both but I didn't test yet.

For the TRSS I canibalize a cheap headphone. I'm wondering if the wire will be sturdy enough for the signal.

As you can understand my knowledge in electronic are really really bad!!
Thanks for the help
R.

# 21447. Re: R: Re: [ic706] Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-18 15:16:33 UTC
From: LARRY J. FORD
Topic: 21442  Message: 21447

OK, sounds like you're talking "apples to oranges" compared to my experience with the ASUS laptop/notebook.

But apparently, you do need to take the audio output from the 706 and get it into the netbook, although you didn't exactly confirm that.

I am totally unfamiliar with the "TRRS jack" nomenclature, but it appears that AMAZON.COM carries a "TRRS Adapter" which may do what you want. Just go to AMAZON.COM and enter the search term "TRRS jack."

Or, like you are trying to do, you can build a cable with a 1/8" plug on one end to connect to the audio/headphones jack on the 706 control head, like I did, and build up your own TRRS plug on the other end to connect to the net book. If you come off the 1/8" audio jack on the control head, then your choices as to where to connect and solder for the audio are limited. However, you mention the "3 pin on the Icom jack" which would involve either the ACC port on the back panel, or the RJ45 mic jack on the control head, and I don't see how either is required if you simply take the audio from the 1/8" audio/headphones jack on the 706 control head.

Another choice is if the netbook has a spare USB port, buy one of those cheap USB external sound cards, plug it into the netbook, and then it will give you "audio out" and "mic" ports, just like on a standard PC sound card.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:36 AM EDT, 05/18/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: R: Re: [ic706] Connect a 706 to a netbook

> Hi Larry and all.
> I would like to use jvcom32 to download weather fax.
> Here is a list of the frequencies to use if anybody is interested
>
>
> http://www.nws.noaa.gov/om/marine/rfax.pdf
>
>
> The problem is that the little asus netbook have a TRRS jack like the phones instead of the two separate audio in / audio out jacks on other PC.
>
>
> The Icom have a TRS connector so I have now two wire coming from the

computer mic + and - and 3 pin on the Icom jack and I was wondering where to solder them.
> I know the - is the sleeve but I don't know if the mic need to be connected to one or both ring....
>
>
> I just soldered to both but I didn't test yet.
>
>
> For the TRSS I canibalize a cheap headphone. I'm wondering if the wire will be sturdy enough for the signal.
>
>
> As you can understand my knowledge in electronic are really really bad!!
> Thanks for the help
> R.

# 21448. Connector Part Numbers

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-20 19:50:38 UTC
From: ac2gl@...
Topic: 21448  Message: 21448

Could someone tell me the part numbers for mating plugs for the data, and accessory connectors on the back if the IC706MK2G, and connectors to make a separation cable?
THX - AC2GL

# 21449. Re: [ic706] Connector Part Numbers

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-21 00:49:42 UTC
From: Joe
Topic: 21448  Message: 21449

Regarding the separation cable, they are proprietary Icom connectors. I don't think you will ever be able to find them. Look on eBay and other sources for the cable kit, but they can be pricy because they are getting hard to find.

Way back when I bought my 706, Icom was giving the separation kit away as an incentive. You may be able to find someone who got the kit for free, but never used it. If you know of anyone who uses a 706 as a base station you might ask them if they have the separation kit. Lots of hams got the kit because it was free but never used it. If they can find it, you may be in luck.

73, Joe, K1ike

On 5/20/2015 3:50 PM, ac2gl@... [ic706] wrote:
> Could someone tell me the part numbers for mating plugs for the data,
> and accessory connectors on the back if the IC706MK2G, and connectors
> to make a separation cable?
> THX - AC2GL

# 21450. R: Re: R: Re: [ic706] Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-21 20:24:54 UTC
From: Roberto Cavallo
Topic: 21442  Message: 21450

Yes, I need to take the audio out from the Icom and feed the netbook.

I made some tests and buid two cables.
One 1/8 TRS (Icom) to 1/8 TRRS (asus)
And the other ACC to 1/8 TRRS (asus) using pin 2 and 12

The advantage of the ACC connection is that I can hear and tune the frequency while the computer is receiving, while if I connected to the front jack (headphone) I cannot.

Thank you for your inputs!
R.

From: 'LARRY J. FORD' lford@usa.net [ic706] ;
To: ;
Subject: Re: R: Re: [ic706] Connect a 706 to a netbook
Sent: Mon, May 18, 2015 3:16:33 PM

OK, sounds like you're talking "apples to oranges" compared to my experience with the ASUS laptop/notebook.

But apparently, you do need to take the audio output from the 706 and get it into the netbook, although you didn't exactly confirm that.

I am totally unfamiliar with the "TRRS jack" nomenclature, but it appears that AMAZON.COM carries a "TRRS Adapter" which may do what you want. Just go to AMAZON.COM and enter the search term "TRRS jack."

Or, like you are trying to do, you can build a cable with a 1/8" plug on one end to connect to the audio/headphones jack on the 706 control head, like I did, and build up your own TRRS plug on the other end to connect to the net book. If you come off the 1/8" audio jack on the control head, then your choices as to where to connect and solder for the audio are limited. However, you mention the "3 pin on the Icom jack" which would involve either the ACC port on the back panel, or the RJ45 mic jack on the control head, and I don't see how either is required if you simply take the audio from the 1/8" audio/headphones jack on the 706 control head.

Another choice is if the netbook has a spare USB port, buy one of those cheap USB external sound cards, plug it into the netbook, and then it will give you "audio out" and "mic" ports, just like on a standard PC sound card.

Larry J. Ford
K4AEC

# 21451. Re: R: Re: R: Re: [ic706] Connect a 706 to a netbook

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-21 23:49:15 UTC
From: LARRY J. FORD
Topic: 21442  Message: 21451

So I take it that you've got both cables working in the manner you wanted?

If so, Congrats on the DIY project!!

Larry J. Ford
K4AEC

------ Original Message ------
Received: 07:14 PM EDT, 05/21/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: R: Re: R: Re: [ic706] Connect a 706 to a netbook

> Yes, I need to take the audio out from the Icom and feed the netbook.
>
> I made some tests and buid two cables.
> One 1/8 TRS (Icom) to 1/8 TRRS (asus)
> And the other ACC to 1/8 TRRS (asus) using pin 2 and 12
>
> The advantage of the ACC connection is that I can hear and tune the
frequency while the computer is receiving, while if I connected to the front
jack (headphone) I cannot.
>
> Thank you for your inputs!
> R.
>
>
> From: 'LARRY J. FORD' lford@... [ic706] ;
> To: ;
> Subject: Re: R: Re: [ic706] Connect a 706 to a netbook
> Sent: Mon, May 18, 2015 3:16:33 PM
>
>
> OK, sounds like you're talking "apples to oranges" compared to my
experience
> with the ASUS laptop/notebook.
>
> But apparently, you do need to take the audio output from the 706 and get
it
> into the netbook, although you didn't exactly confirm that.
>
> I am totally unfamiliar with the "TRRS jack" nomenclature, but it appears
that
> AMAZON.COM carries a "TRRS Adapter" which may do what you want. Just go to
> AMAZON.COM and enter the search term "TRRS jack."

>
> Or, like you are trying to do, you can build a cable with a 1/8" plug on
one
> end to connect to the audio/headphones jack on the 706 control head, like
I
> did, and build up your own TRRS plug on the other end to connect to the
net
> book. If you come off the 1/8" audio jack on the control head, then your
> choices as to where to connect and solder for the audio are limited.
However,
> you mention the "3 pin on the Icom jack" which would involve either the
ACC
> port on the back panel, or the RJ45 mic jack on the control head, and I
don't
> see how either is required if you simply take the audio from the 1/8"
> audio/headphones jack on the 706 control head.
>
> Another choice is if the netbook has a spare USB port, buy one of those
cheap
> USB external sound cards, plug it into the netbook, and then it will give
you
> "audio out" and "mic" ports, just like on a standard PC sound card.
>
> Larry J. Ford
> K4AEC
>
>
>
>
>
>
>
>
>
>

# 21452. New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-25 01:44:42 UTC
From: Roberto Cavallo
Topic: 21452  Message: 21452

Good evening group!

I would like to start using Winmor and I'm wondering if somebody has done it and if they can share their experiences and set up.
Thank you
R.

# 21453. Re: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-25 16:30:13 UTC
From: LARRY J. FORD
Topic: 21452  Message: 21453

Yes, I have used the WINMOR Soundcard Modem/TNC [1] with RMS Express, both part of the Winlink 2K system, with my "original" IC-706.

I use it with a Signalink, which is probably recommended for best results.

There are Yahoo User Groups for both Winlink 2K and WINMOR which are probably better suited for posting and getting answers to your technical questions on Winlink/WINMOR than on this group. There have been a number of users on the Winlink 2K and WINMOR Yahoo groups who use 706s and can provide more technical details.

See: https://groups.yahoo.com/neo/groups/WINMOR/info and

https://groups.yahoo.com/neo/groups/Winlink_Programs_Group/info

There are at least a couple thousand members in each group.

What else?

Larry J. Ford
K4AEC

[1] You don't use WINMOR, by itself as a stand-alone program; it's generally used in conjunction with RMS Express, which serves as the "front-end" for message creation (think "Outlook Express") and handling, and WINMOR is used as the HF connection via the radio to connect to an RMS ("Radio Message Server") in the Winlink system.

e.g., "WINMOR is an HF digital protocol designed for use with the Winlink 2000 network. WINMOR provides an alternative to external PACTOR hardware.

WINMOR is protocol that works with a PC sound card to provide a virtual TNC enabling throughput performance approaching h/w based PACTOR 2 and, hopefully, PACTOR 3.

RMS Express is the preferred Winlink 2000 (WL2K) radio email client."

(WINMOR Yahoo Group Home Page)

------ Original Message ------
Received: 11:13 PM EDT, 05/24/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] New project: Winmor

> Good evening group!
>

>
> I would like to start using Winmor and I'm wondering if somebody has done it and if they can share their experiences and set up.
> Thank you
> R.

# 21454. Re: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 12:11:32 UTC
From: hildegardhansen@...
Topic: 21452  Message: 21454

Thank you Larry !!!

What did you use as cat cbla connection on your setup??
Thanks
R.

# 21455. Re: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 14:40:37 UTC
From: LARRY J. FORD
Topic: 21452  Message: 21455

Assuming that "...cat cbla connection ..." means "CAT Cable Connection" as in computer control from the PC/software to the radio, I use a Valley Enterprises CI-V to USB converter cable, with an FTDI chipset (avoid anything with a PROLIFIC chipset, the changes of getting a "counterfeit" chip are high), that I got from AMAZON.
See
http://www.amazon.com/Valley-Enterprises-Chipset-Two-Way-Programming/dp/B004L0T4UM

Works like a charm.

That's in addition to the USB cable from the ASUS laptop to the Signalink external soundcard/interface, and the cable from the Signalink to the 13-pin DIN Accessory Port on the back of the 706.

If you, as you stated before, are going directly from the radio audio In/Out connections to the netbook audio in/out, then you would not have the hardware and cables mentioned in the preceding paragraph.

You might ask the folks on the Winlink and WINMOR listserves about the viability of going directly from the radio audio In/Out to the netbook audio in/out. Pay particular attention to anything posted by Rick Meuthing, who wrote the WINMOR software and who helped write and set-up the Winlink system.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 08:38 AM EDT, 05/26/2015
From: "hildegardhansen@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: Re: [ic706] New project: Winmor

> Thank you Larry !!!
>
> What did you use as cat cbla connection on your setup??
> Thanks
> R.

# 21456. R: Re: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 15:06:01 UTC
From: Roberto Cavallo
Topic: 21452  Message: 21456

Thank you Larry!
Exactly what I was looking for.

I start posting on winmor.
My understanding is that a radio to PC connection is possible but a isolate interface is always recommended and a USB signalink often suggested for better result
Same for the CAT cable. If is not mandatory has been suggested by more than one sailor to simplify the connection while the boat is sailing(moving).
Thanks again
R.

# 21457. New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 15:52:25 UTC
From: LARRY J. FORD
Topic: 21452  Message: 21457

Robert wrote: " My understanding is that a radio to PC connection is possible but a isolate interface is always recommended and a USB signalink often suggested for better result. Same for the CAT cable."

Well, there is quite a bit of debate on both points.

First, regarding the "direct audio to audio" connection (i.e., directly from the radio's audio output/input and vice versa), if you do go totally "direct" then you are relying upon the spectral purity and performance capabilities of the sound card found in your PC/laptop/notebook/netbook. Bear in mind that the brand and model of sound card built into your netbook was likely chosen on the basis of cost, rather than performance.

Also, with the "direct" method, there is no "isolation," so some rather strange things can happen with regard to noise, RFI, ground loops, or any number of causes. An intermediate step is to use the internal sound card, but to build an "interface" which inserts some relatively low-cost audio isolation transformers between the PC and the radio. There are a number of schematics and kits that are (or were) available on the Internet or in QST (Skip Teller's being a prime example of the kits). This helps, but if you've got a poor performing sound card in your netbook, you're still stuck with it.

Finally, using an interface which provides both isolation AND a high-quality sound card, like the Signalink USB gives you the best of both worlds, but at some added cost and a bit complexity (e.g., some additional cables). WINMOR is a rather demanding bit of software and to get the best performance, Rick Meuthing, the program's author, recommends use of at least a Signalink sound card interface over the typical sound card found in the typical PC.

Secondly, if you do not use a CAT control cable, such as the CI-V to USB cable I mentioned, then you will manually have to set the radio frequency and figure-out the PTT method. RMS Express/WINMOR can handle that if there is a CAT control connection between the PC and the radio.

You mention sailing. Rick Meuthing (and others) developed the predecessor to Winklink/RMS Express/WINMOR, a program called "SailMail" because he (and possibly the others) were sailors and wanted to deploy a viable "e-mail by HF radio" system on board. If you are planning on doing what I think is called "blue water sailing" then I think Rick would be the first to tell you that you need to go beyond the "direct method" in order to have a reliable system, regardless of what the "simple folk" tell you, especially if your life is going to depend upon it! (Now, if you are planning on having a SAT phone on board, then that's a horse of another color altogether!)

73,

Larry J. Ford
K4AEC

------ Original Message ------
Received: 11:14 AM EDT, 05/26/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: R: Re: [ic706] New project: Winmor

> Thank you Larry!
> Exactly what I was looking for.
>
>
> I start posting on winmor.
> My understanding is that a radio to PC connection is possible but a isolate interface is always recommended and a USB signalink often suggested for better result
> Same for the CAT cable. If is not mandatory has been suggested by more than one sailor to simplify the connection while the boat is sailing(moving).
> Thanks again
> R.
>

# 21458. R: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 17:19:46 UTC
From: Roberto Cavallo
Topic: 21452  Message: 21458

Larry,
I'm 100% agree with you.
And I purchased a signalink usb + the CAT cable you suggested.
I know airmail/sailmail BUT the price of the pactor modem....
Winmor (with 130$ in parts) looks like a interesting project !!

Thank you for your email.
I will keep you and the group update!
R.

# 21459. Re: R: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-26 20:47:22 UTC
From: LARRY J. FORD
Topic: 21452  Message: 21459

Well, Pactor comes in various "flavors" (speeds) and you get what you pay for when it comes to speeds and robustness.

Pactor I, the original version (and the slowest) was bundled with a number of TNCs (Kantronics KAMs, etc.) back in the late '80s, early '90s, many of which can be had at hamfests for $50.00 or so. Unfortunately, a number of the Winlink System RMSes no longer support Pactor I. I used a Kantronics KAM with an upgraded chip and firmware for NTS Digital purposes on Pactor I for a year or so and it worked just fine for receiving and sending digital Radiograms through the NTS Digital system.

For Pactor II or Pactor III (III being the fastest currently authorized by the FCC for use in the US amateur bands), those modes are proprietary to SCS, and you either have to buy a new or used SCS Pactor modem to gain access. I bought a used SCS PTC-II USB modem with an installed Pactor III license from a sail boat owner who didn't need it any longer. Not exactly "cheap" but a lot less than a new one!

WINMOR is faster than Pactor I under most conditions, but not as fast as P-III. I do think the SCS modems can work to pass traffic under propagation conditions that would cause WINMOR to fall by the wayside because the SCS modems have dedicated, on-boards Digital Signal Processing units in the modems (a "hardware" solution), whereas WINMOR relies on the computer software and computer's CPU for the DSP functions. Generally, a dedicated hardware solution will beat a software solution that has to compete with other, internal PC functions for processor time.

Just my .02 worth!

Larry J. Ford
K4AEC

------ Original Message ------
Received: 03:30 PM EDT, 05/26/2015
From: "Roberto Cavallo hildegardhansen@... [ic706]"
<ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: R: [ic706] New project: Winmor

> Larry,
> I'm 100% agree with you.
> And I purchased a signalink usb + the CAT cable you suggested.
> I know airmail/sailmail BUT the price of the pactor modem....
> Winmor (with 130$ in parts) looks like a interesting project !!
>
>
> Thank you for your email.

> I will keep you and the group update!
> R.

# 21460. Re: R: [ic706] New project: Winmor

Yahoo group: ic706 (2010 — 2015)
Date: 2015-05-28 13:29:02 UTC
From: hildegardhansen@...
Topic: 21452  Message: 21460

Thank you Larry!!
I really appreciate.

# 21461. 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-02 14:41:03 UTC
From: nbergevi@...
Topic: 21461  Message: 21461

Just picked up a used 706 mkiig "Project" radio. Knew it won't turn on when I picked it up.

Tore it apart and found one of the traces on the underside of the PA board next to Q172 / C243 / C244 was burn out. I jumpered it with a piece of 22ga wire and put it back together again.

Wouldn't power up, but I noticed the power gauge on my 12v battery pack dipped from 74% to 58%. I plugged put an amp meter inline and saw that it was drawing ~2.5A while off and noticed that Q172 was getting warm / hot when power was applied even with the 4A fuse disconnected.

Does this denote that the finals may be blown, or is there a short or relay somewhere else that may have gone bad and is shunting all power away from where it needs to be?

73's
- Noah W7RPX

# 21462. Re: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-02 18:29:19 UTC
From: Dave
Topic: 21461  Message: 21462

I dont have a schematic handy but of the fuse is out there cannot be too many places the current can go. I did hear about someone once had bad filter capacitors right on the dc supply. Its not carved in stone but if the finals were shorted it would draw a lot more than 2A. Also bear in mind that there may be more than one snag but I would get a schematic and see where q172 fits into the scheme of things. Dave ve1day Sent from Samsung Mobile

-------- Original message --------
From: "nbergevi@hotmail.com [ic706]"
Date:06-02-2015 11:41 AM (GMT-04:00)
To: ic706@yahoogroups.com
Subject: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Just picked up a used 706 mkiig "Project" radio. Knew it won't turn on when I picked it up. Tore it apart and found one of the traces on the underside of the PA board next to Q172 / C243 / C244 was burn out. I jumpered it with a piece of 22ga wire and put it back together again. Wouldn't power up, but I noticed the power gauge on my 12v battery pack dipped from 74% to 58%. I plugged put an amp meter inline and saw that it was drawing ~2.5A while off and noticed that Q172 was getting warm / hot when power was applied even with the 4A fuse disconnected. Does this denote that the finals may be blown, or is there a short or relay somewhere else that may have gone bad and is shunting all power away from where it needs to be? 73's - Noah W7RPX

# 21463. Has anyone tried to mod the new finals instead of the PA board?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-02 17:03:18 UTC
From: nbergevi@...
Topic: 21463  Message: 21463

This may seems like a silly question - but has anyone tried to mod the RD70HHF1 / RD70HVF1 instead of modding the PA board?

Isn't it just a bit of heat sink material that we're dealing with? I would imagine that since the finals are already thermally attached to the chassy that removing a sliver around the edge with an angle grinder / Dremel wouldn't effect thermal dissipation much. If there did need to be some modding to the PCB it would just be around the center solder pad, which seems it would be a little more forgiving than widening the pads on the sides (which requires tweaking with some traces and components).

... or am I missing something here?

- Noah W7RPX

# 21464. RE: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-03 03:25:11 UTC
From: Tom
Topic: 21461  Message: 21464

Dave is right. Check for shorted caps or resistor in the circuit. I would think some other component besides Q172 might be getting warm as well.

Tom

W5GV

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Tuesday, June 02, 2015 12:29 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

I dont have a schematic handy but of the fuse is out there cannot be too many places the current can go. I did hear about someone once had bad filter capacitors right on the dc supply.

Its not carved in stone but if the finals were shorted it would draw a lot more than 2A.

Also bear in mind that there may be more than one snag but I would get a schematic and see where q172 fits into the scheme of things.

Dave ve1day

Sent from Samsung Mobile

-------- Original message --------

From: "nbergevi@... [ic706] <mailto:nbergevi@...%20[ic706]> "

Date:06-02-2015 11:41 AM (GMT-04:00)

To: ic706@yahoogroups.com

Subject: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Just picked up a used 706 mkiig "Project" radio. Knew it won't turn on when I picked it up.

Tore it apart and found one of the traces on the underside of the PA board next to Q172 / C243 / C244 was burn out. I jumpered it with a piece of 22ga wire and put it back together again.

Wouldn't power up, but I noticed the power gauge on my 12v battery pack dipped from 74% to 58%. I plugged put an amp meter inline and saw that it was drawing ~2.5A while off and noticed that Q172 was getting warm / hot when power was applied even with the 4A fuse disconnected.

Does this denote that the finals may be blown, or is there a short or relay somewhere else that may have gone bad and is shunting all power away from where it needs to be?

73's

- Noah W7RPX

# 21465. RE: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-03 21:05:40 UTC
From: nbergevi@...
Topic: 21461  Message: 21465

I pulled the SRF J7044 that was heating up, and now it isn't pulling any power when it's off, but it also isn't turning on.

Would having one of the finals removed keep it from powering up, or would that be something else?

- Noah

# 21466. RE: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-03 16:32:40 UTC
From: nbergevi@...
Topic: 21461  Message: 21466

I pulled out the srf j7044 transistor @ Q174. It was shorting out between the drain and gate. It isn't pulling any more current connected, but it still isn't powering up either.

Should the radio still start up with one of the finals removed, or would that block current from reaching the control side of the radio?

I ordered one of the new RD70HVF1 finals and it should come in a few days. Interesting to see what it will look like once I've put it in place.

On a related note -- any reason I can't grind down the heat-sink until it fits into the existing slot?

- Noah

# 21467. RE: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-04 10:32:48 UTC
From: Dave
Topic: 21461  Message: 21467

Looks like you are on the right track. Any tranceiver circuits I have seen has not had the power for the rest of the radio directly powered from the final output stage. True that power goes through that board so you still have another issue with it powering up. You should be able to trace it through with your multimeter. The power has to be switched somewhere and there has to be a regulator somewhere that will supply power to the front panel all the time that will signal the microprocessor to turn on the rest of the radio when you press the power button. Sent from Samsung Mobile
-------- Original message --------
From: "nbergevi@hotmail.com [ic706]"
Date:06-03-2015 6:05 PM (GMT-04:00)
To: ic706@yahoogroups.com
Subject: RE: [ic706] 706 mkiig "Project" - won't turn on, one of the finals gets warm, pulls 2.5a while off

I pulled the SRF J7044 that was heating up, and now it isn't pulling any power when it's off, but it also isn't turning on. Would having one of the finals removed keep it from powering up, or would that be something else? - Noah

# 21468. Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-08 21:20:49 UTC
From: kb8cmw@...
Topic: 21468  Message: 21468

Want to use my 706 for field day. Going to need a computer interface
so I can use logging software. Any ideas?

Thanks
Paul KB8CMW

# 21469. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 06:13:20 UTC
From: Ian Kennedy
Topic: 21468  Message: 21469

Hi:
I use a Rigtalk USB with mine - made by West Mountain Radio
73 es best regards
Ian, VE3MUD
From: "kb8cmw@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Monday, June 8, 2015 5:20 PM
Subject: [ic706] Computer interface for 706

Want to use my 706 for field day. Going to need a computer interfaceso I can use logging software. Any ideas?
Thanks Paul KB8CMW

# 21470. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 10:15:42 UTC
From: Ralph Mowery
Topic: 21468  Message: 21470

You can get one made by Icom for over $ 100 or try something like this one on ebay for under $ 20.  You could build your own if you  have a serial port instead of the usb port. Not much in them and Icom charges way too much.
Ebay number.
281699677491

From: "kb8cmw@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Monday, June 8, 2015 5:20 PM
Subject: [ic706] Computer interface for 706

<!--#yiv9805333842 #yiv9805333842 .yiv9805333842ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9805333842 div.yiv9805333842ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9805333842 div.yiv9805333842photo-title a, #yiv9805333842 div.yiv9805333842photo-title a:active, #yiv9805333842 div.yiv9805333842photo-title a:hover, #yiv9805333842 div.yiv9805333842photo-title a:visited {text-decoration:none;}#yiv9805333842 div.yiv9805333842attach-table div.yiv9805333842attach-row {clear:both;}#yiv9805333842 div.yiv9805333842attach-table div.yiv9805333842attach-row div {float:left;}#yiv9805333842 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9805333842 div.yiv9805333842ygrp-file {width:30px;}#yiv9805333842 div.yiv9805333842attach-table div.yiv9805333842attach-row div div a {text-decoration:none;}#yiv9805333842 div.yiv9805333842attach-table div.yiv9805333842attach-row div div span {font-weight:normal;}#yiv9805333842 div.yiv9805333842ygrp-file-title {font-weight:bold;}#yiv9805333842 --> <!--#yiv9805333842 #yiv9805333842ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv9805333842 #yiv9805333842ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv9805333842 #yiv9805333842ygrp-mkp #yiv9805333842hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv9805333842 #yiv9805333842ygrp-mkp #yiv9805333842ads {margin-bottom:10px;}#yiv9805333842 #yiv9805333842ygrp-mkp .yiv9805333842ad {padding:0 0;}#yiv9805333842 #yiv9805333842ygrp-mkp .yiv9805333842ad p {margin:0;}#yiv9805333842 #yiv9805333842ygrp-mkp .yiv9805333842ad a {color:#0000ff;text-decoration:none;}-->

Want to use my 706 for field day. Going to need a computer interfaceso I can use logging software. Any ideas?
Thanks Paul KB8CMW

# 21471. Re: Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 11:32:26 UTC
From: gw0div@...
Topic: 21468  Message: 21471

A CI-V cable!!

Rhys
GW0DIV

# 21472. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 14:14:38 UTC
From: LARRY J. FORD
Topic: 21468  Message: 21472

Ideas on the interface or the software?

If it's the interface, I recommend the following, which I bought and it works great with my IC-706 for HRD, etc.:

Valley Enterprises FTDI USB Chipset Two-Way Radio Programming Cable CI-V Cat Amazon.com
http://www.amazon.com/Valley-Enterprises-Chipset-Two-Way-Programming/dp/B004L0T4UM

Plugs into the CI-V port on the back of the rig.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 12:09 AM EDT, 06/09/2015
From: "kb8cmw@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Computer interface for 706

> Want to use my 706 for field day. Going to need a computer interface
> so I can use logging software. Any ideas?
>
>
> Thanks
> Paul KB8CMW

# 21473. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 15:20:53 UTC
From: Jim Graves
Topic: 21468  Message: 21473

I very recently purchased the Valley Enterprises cable for programming my Icom IC-R6 receiver and it works flawlessly.
Valley Enterprises FTDI USB Chipset Icom Two-Way Radio Programming Cable OPC-478
http://www.amazon.com/gp/product/B009UJELXO?psc=1&redirect=true&ref_=oh_aui_detailpage_o01_s00
I am running Win 8.1 and had to load no drivers at all... it just worked great.
I don’t think you can go wrong with any of the Valley Enterprises cables... just a very satisfied user.
Jim Graves
W4JRG

---

Ideas on the interface or the software?

If it's the interface, I recommend the following, which I bought and it works great with my IC-706 for HRD, etc.:

Valley Enterprises FTDI USB Chipset Two-Way Radio Programming Cable CI-V Cat
Amazon.com
http://www.amazon.com/Valley-Enterprises-Chipset-Two-Way-Programming/dp/B004L0T4UM

Plugs into the CI-V port on the back of the rig.

Larry J. Ford
K4AEC

# 21474. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-09 10:34:15 UTC
From: kb8cmw@...
Topic: 21468  Message: 21474

Thanks for info.

# 21475. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-10 20:01:10 UTC
From: ac2gl@...
Topic: 21468  Message: 21475

I used an FTDI USB to 5V TTL converter, tied the RX to TX and to the tip of a 3.5mm mono plug, the GND to the sleeve, and it works just fine. You can use any USB to 5V TTL converter but personal;ly I'd stay away from Prolific, I'd prefer FTDI or Cypress chips, (which also bring out the RTS/CTS to use for keying). YMMV
Dave - AC2GL

# 21476. Re: [ic706] Computer interface for 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-11 08:39:29 UTC
From: richard stanley
Topic: 21468  Message: 21476

I have one of these, it does the job fine butI did have to use a clip on ferrite near the radio.You can get from the your own country if you don't want to wait forever for it to be shipped.USB CI-V Cat Interface Cable for Icom CT-17 IC-706

|  |
|  | |  |  |  |  |  |
| USB CI-V Cat Interface Cable for Icom CT-17 IC-706US $7.17 New in Consumer Electronics, Radio Communication, Parts & Accessories |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
|  |

On Wednesday, June 10, 2015 9:01 PM, "ac2gl@... [ic706]" <ic706@yahoogroups.com> wrote:

I used an FTDI USB to 5V TTL converter, tied the RX to TX and to the tip of a 3.5mm mono plug, the GND to the sleeve, and it works just fine. You can use any USB to 5V TTL converter but personal;ly I'd stay away from Prolific, I'd prefer FTDI or Cypress chips, (which also bring out the RTS/CTS to use for keying). YMMV
Dave - AC2GL

# 21477. The MDSR Team has released the “ New MDSR Spectrum Analyzer V1.1”

Yahoo group: ic706 (2010 — 2015)
Date: 2015-06-15 17:05:26 UTC
From: alexschwarz237@...
Topic: 21477  Message: 21477

Hi Everybody;

The MDSR Team has released the “New MDSR Spectrum Analyzer V1.1”
Our team has put in a lot of work to make this release as user friendly as possible.
Updated in the new version V1.1 · New line decay mode: double spectral lines in “decay-line mode”.
· Input Audio selector: allows to select the left, right or both input audio channel
· Storable correction curve files: correction curves can be stored according to band
· Spectrum analyzer remembers last settings: for easy startup without calibration
· Updated graphic user interface

We also have updated the manual and came up with an easy way to use a RF broadband noise generator (MFJ-5014) to calibrate the filter correction curves so the displayed spectrum is absolutely flat; once the curves are stored on the hard drive the noise generator is not needed for operations.
Note: The Manual is part of the setup procedure and can be found in the “MDSR” folder. The file name of the manual is “Java SA Software Manual V1-1.pdf”. If you have trouble locating it you can always search for it.

Download the PDF manual directly from our file server:
http://www3.telus.net/public/bc237/MDSR/Java SA Software Manual V1-1.pdf

If you want to install and use the software for free get the setup from here, download from our file server: it will automatically install.
http://www3.telus.net/public/bc237/MDSR/Setup MDSR_SA_V1-1.exe
Note: Ignore the Widows popup messages. We guarantee that this program does not contain any viruses or is going harm your computer.

For more information or to order the LIF kit go to: the LIF kit is required to connect the IF to the soundcard
http://users.skynet.be/myspace/mdsr

Join the MDSR user group here:
https://groups.yahoo.com/neo/groups/mdsradio/info
https://groups.yahoo.com/neo/groups/mdsradio/info

Your comments are welcome!

73 and all the best;

The MDSR Team

# 21478. Ic706MK2G Receive cut outs

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-22 11:07:59 UTC
From: luminosity@...
Topic: 21478  Message: 21478

Greetings from Vermont
My rig seems to have an intermittent heat problem where the receiver goes mute,
often when the fan kicks in, and then comes back fine when it cools down for a while.
I can also coax the rig back into normal receive when turning the power button on and off.
Does this symptom suggest a component that has failed that is common place to this rig?
Thanks/ Barry / N1QWA

# 21479. Re: [ic706] Ic706MK2G Receive cut outs

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-23 00:41:20 UTC
From: LARRY J. FORD
Topic: 21478  Message: 21479

I have had 2 706s for years and have not experienced this problem.

LJF
K4AEC
------ Original Message ------
Received: 08:32 PM EDT, 07/22/2015
From: "luminosity@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Ic706MK2G Receive cut outs

> Greetings from Vermont
> My rig seems to have an intermittent heat problem where the receiver goes mute,
> often when the fan kicks in, and then comes back fine when it cools down for a while.
> I can also coax the rig back into normal receive when turning the power button on and off.
> Does this symptom suggest a component that has failed that is common place to this rig?
> Thanks/ Barry / N1QWA

# 21480. Re: [ic706] Ic706MK2G Receive cut outs

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-23 11:22:39 UTC
From: mikerodgerske5gbc@...
Topic: 21478  Message: 21480

No such problem in Texas heat.

I have no idea but a question comes to mind. Is it receive or audio? Or does the S meter go dead as well?

I assume you've checked the squelch setting.

73
Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.

On Jul 22, 2015, at 6:07 AM, "luminosity@... [ic706]" <ic706@yahoogroups.com> wrote:

> Greetings from Vermont
>
> My rig seems to have an intermittent heat problem where the receiver goes mute,
>
> often when the fan kicks in, and then comes back fine when it cools down for a while.
>
> I can also coax the rig back into normal receive when turning the power button on and off.
>
> Does this symptom suggest a component that has failed that is common place to this rig?
>
> Thanks/ Barry / N1QWA
>
>

# 21481. Intermittant Noise on RX and TX on 70cm FM

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-26 18:51:19 UTC
From: Derek G8ECI
Topic: 21481  Message: 21481

As anyone experienced, what I can only call a noise very similar to the Hiss generated by a Super Regen Rx on 70cm FM, it manifests itself at any time and is also noticeable by the qso partner when I am transmitting. The 706 is a MKIIG, now around 16 years old. It was used for quite a while and now is used daily whilst mobile. The noise is only apparent on 70cm FM, it as never shown up on 2m or 6m FM, or any other modes or bands. It seems to start a a low level and then builds up until it stops, which makes me think it's something going into oscillation?

Any ideas or has anyone else suffered from this.
73 es Dx Derek G8ECI

# 21482. Re: No power!

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-26 18:59:41 UTC
From: g8eci@...
Topic: 21409  Message: 21482

I had that fault years ago, I took it to ICOM UK and for approx $50 later it was working, it had something to do with a Power regulator having an inadequate heat sink and it burn up a PCB track, they repaired the track and put a bigger stick on heat sink pad under the regulator, but where and what device I do not have a clue.

I think it must be a fairly well known problem though, so maybe worth giving your local ICOM supplier a call.

73 Derek G8ECI

# 21483. 706mk2g if shift graph wrong

Yahoo group: ic706 (2010 — 2015)
Date: 2015-07-30 22:49:08 UTC
From: ozleeper@...
Topic: 21483  Message: 21483

just had MARS mod installed and now notice that I can not center freq in graph. Is there a calibration for centering??

# 21484. Re: Intermittant Noise on RX and TX on 70cm FM

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-17 23:10:27 UTC
From: tech5110@...
Topic: 21481  Message: 21484

I have the same problem on my 706MKIIG but on 2 meter. No problem on 70cm. Radio works fine for days and then it will start with low noise and end in noise so loud that I have to turn it off.

Craig
KD0ZLR

# 21485. Re: Intermittant Noise on RX and TX on 70cm FM

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-18 21:29:55 UTC
From: tech5110@...
Topic: 21481  Message: 21485

Icom 706 MK II G sporatic noise TX and RX
http://www.eham.net/ehamforum/smf/index.php/topic,43430.msg298025.html#msg298025

http://www.eham.net/ehamforum/smf/index.php/topic,43430.msg298025.html#msg298025

Icom 706 MK II G sporatic noise TX and RX
http://www.eham.net/ehamforum/smf/index.php/topic,43430.msg298025.html#msg298025 Icom 706 MK II G sporatic noise TX and RX

View on www.eham.net
http://www.eham.net/ehamforum/smf/index.php/topic,43430.msg298025.html#msg298025
Preview by Yahoo

Icom 706 MK II G sporatic noise TX and RX
http://www.eham.net/ehamforum/smf/index.php/topic,43430.msg298025.html#msg298025
« Reply #7 on: August 07, 2008, 02:24:26 PM »

I've seen several 706's with symptoms as you describe. And it was due to one or more VCO trimmer capacitors becoming unstable.

There are 4 of trim caps:

C4: Reference VCO
C306: VCO1
C335: VCO2
C367: VCO3

If only 2 & 6 meters are affected, suspect VCO2.

Sometimes, giving the offending trim-cap a few twists, then realigning, will solve the problem. But often, the trim cap(s) must be replaced, which is not an easy job, since they are surface-mount types located inside tiny metal shields.

« Last Edit: January 12, 2010, 08:20:20 AM by N1EQ »

http://www.eham.net/ehamforum/smf/index.php/topic,43430.0.html
http://www.eham.net/ehamforum/smf/index.php/topic,43430.0.html

Craig

KD0ZLR

# 21486. Re: Intermittant Noise on RX and TX on 70cm FM

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-18 22:40:33 UTC
From: tech5110@...
Topic: 21481  Message: 21486

http://www.n1eq.com/tech/page_03.html

Here is the answer to your problem.

# 21487. Re: Intermittant Noise on RX and TX on 70cm FM

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-18 22:39:18 UTC
From: tech5110@...
Topic: 21481  Message: 21487

http://www.n1eq.com/tech/page_03.html

Here is a link to the answer to your problem.

Craig,

KD0ZLR

# 21488. Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-20 15:07:01 UTC
From: wellsia@...
Topic: 21488  Message: 21488

Does anyone know if the 706MKIIG can be operated using computer control but without the control head??
I'm not sure the rig even works, I could find someone with a 706MKIIG to test the rig but thats been tough.
If anyone has any ideas on this I'm all ears.

TNX
de KE7WMI

# 21489. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-21 00:47:04 UTC
From: Jeff Moore
Topic: 21488  Message: 21489

The radio won't function w/o the control head connected.

Jeff Moore -- KE7ACY

On Thu, Aug 20, 2015 at 8:07 AM, wellsia@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Does anyone know if the 706MKIIG can be operated using computer control
> but without the control head??
>
> I'm not sure the rig even works, I could find someone with a 706MKIIG to
> test the rig but thats been tough.
>
> If anyone has any ideas on this I'm all ears.
>
>
>
> TNX
>
> de KE7WMI
>
>
>

# 21490. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-21 01:02:06 UTC
From: Stanley Klakamp
Topic: 21488  Message: 21490

It won't operate without the control head, but occasionally there's control heads for sale on eBay. Usually over $200 though.

73
Stan K8LL
NW Ohio, USA
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
---
---
On Aug 20, 2015 8:30 PM, "wellsia@... [ic706]" <ic706@yahoogroups.com> wrote:
>
> Does anyone know if the 706MKIIG can be operated using computer control but without the control head??
>
> I'm not sure the rig even works, I could find someone with a 706MKIIG to test the rig but thats been tough.
>
> If anyone has any ideas on this I'm all ears.
>
> TNX
>
> de KE7WMI

# 21491. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-21 08:52:38 UTC
From: gw0div@...
Topic: 21488  Message: 21491

I have 1 706mk2g and 2 control heads!!

Rhys
GW0DIV

# 21492. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-21 11:40:01 UTC
From: Craig Myers
Topic: 21488  Message: 21492

The 706KMIIG must be operated with the control head.

From: mailto:ic706@yahoogroups.com
Sent: Thursday, August 20, 2015 10:07 AM
To: ic706@yahoogroups.com
Subject: [ic706] Rig control without control head

Does anyone know if the 706MKIIG can be operated using computer control but without the control head??

I'm not sure the rig even works, I could find someone with a 706MKIIG to test the rig but thats been tough.

If anyone has any ideas on this I'm all ears.

TNX

de KE7WMI

# 21493. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-22 10:36:53 UTC
From: gw0div@...
Topic: 21488  Message: 21493

Remoterig could do it but would be an expensive way to go!!

Rhys
GW0DIV

# 21494. CPU reset IC-706 ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-22 13:58:44 UTC
From: Leif Perjus
Topic: 21494  Message: 21494

Hi !
I was exchange the flat cable for volume / squelch and more.
After that my VFO encoder do nothing !! I have reset with
up+down+power on with no change exept all memories deleted.
Someone know how to do?? Frequency shift are ok with up/down on
microphone but i can't change settings that i need....

Are there a cpu-reset that i don't know ?

--
m.v.h. Leif OH0KCE

---
Detta e-postmeddelande har sökts igenom efter virus med antivirusprogram från Avast.
https://www.avast.com/antivirus

# 21495. Re: [ic706] CPU reset IC-706 ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-22 15:07:38 UTC
From: Stanley Klakamp
Topic: 21494  Message: 21495

Look closely at the ribbon cables. They don't always go in exactly correct.

You may need to move them slightly left or right to line up the
connections. You'll probably need a magnifying glass to see them.

At least that's what happenned to me.

73
Stan K8LL
NW Ohio, USA
10-10# 76801
FP# 3255
Propagation is our master . . . but sometimes the master is cruel!
On Aug 22, 2015 10:27 AM, "Leif Perjus leif.perjus@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Hi !
> I was exchange the flat cable for volume / squelch and more.
> After that my VFO encoder do nothing !! I have reset with
> up+down+power on with no change exept all memories deleted.
> Someone know how to do?? Frequency shift are ok with up/down on
> microphone but i can't change settings that i need....
>
> Are there a cpu-reset that i don't know ?
>
> --
> m.v.h. Leif OH0KCE
>
> ---
> Detta e-postmeddelande har sökts igenom efter virus med antivirusprogram
> från Avast.
> https://www.avast.com/antivirus
>
>
>

# 21496. Re: [ic706] CPU reset IC-706 ?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-23 09:13:08 UTC
From: leif.perjus@...
Topic: 21494  Message: 21496

Hi Stan !
Tnx for your reply. I've try with that ribbon cable, but no success.
I'm not sure the cable have nothing to do with the problem. The buttons on microphone are working ok !!
I'm still interested how to reset the processor in the front, perhaps this can help?

Greetings de Leif - OH0KCE

# 21497. 706 jumps back into tune?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-23 15:21:24 UTC
From: Ron Lawrence W4RON
Topic: 21497  Message: 21497

I have a question for the 706 experts in the group.

I have an original IC-706 that I'm running in my mobile.
I have one of the plugs that lets the radio go into tune mode
when you press the tune button on the front panel.
I have a Daiwa cross needle SWR/Power meter between the radio
and the Pozy screwdriver antenna that I control with a center
off up/down switch.
I can tune the antenna so that the SWR is flat, but when I transmit
sometime (most of the time...) the radio will jump back into
tune just like I'd pressed the tune button. Most of the time I
can press the tune button again and it'll work alright for a while
but then sometimes it'll jump back into tune again.
It does it mostly on 20 meters, but every now and then it'll still
do it again.

Does anyone have an idea what the cause of this is.
I sure makes it a pain in the butt to use it.

cheers

LLAP

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21498. Re: [ic706] 706 jumps back into tune?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-23 15:43:19 UTC
From: Michael Welch
Topic: 21497  Message: 21498

It sounds like a RFI problem. Check your grounds.

Sent from Yahoo! Mail on Android
Michael Welch
N7CVZ

From:"Ron Lawrence W4RON W4RON@....com [ic706]" <ic706@yahoogroups.com>
Date:Sun, Aug 23, 2015 at 8:21
Subject:[ic706] 706 jumps back into tune?

I have a question for the 706 experts in the group.

I have an original IC-706 that I'm running in my mobile.
I have one of the plugs that lets the radio go into tune mode
when you press the tune button on the front panel.
I have a Daiwa cross needle SWR/Power meter between the radio
and the Pozy screwdriver antenna that I control with a center
off up/down switch.
I can tune the antenna so that the SWR is flat, but when I transmit
sometime (most of the time...) the radio will jump back into
tune just like I'd pressed the tune button. Most of the time I
can press the tune button again and it'll work alright for a while
but then sometimes it'll jump back into tune again.
It does it mostly on 20 meters, but every now and then it'll still
do it again.

Does anyone have an idea what the cause of this is.
I sure makes it a pain in the butt to use it.

cheers

LLAP

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21499. Re: [ic706] 706 jumps back into tune (mode)?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-24 14:07:39 UTC
From: LARRY J. FORD
Topic: 21499  Message: 21499

First, check your "TUNE" settings in the SET menu (not QUICK SET) to determine whether you or someone else previously enabled the setting that causes the 706 to tune automatically.? It could be that as you transmit, something in your feedline or Ron Pozy's clone of a Screwdriver Antenna is causing the SWR to rise and triggering the TUNE response.

If that is not the case, perhaps one or more of the (few) components which comprise the typical "ICOM tuning modules (plugs)" has gone bad, opened-up, etc.

Try swapping it out with a known good plug (or build a new one yourself using one of the many designs available on the Internet), and see if the symptom persists.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 11:22 AM EDT, 08/23/2015
From: "Ron Lawrence W4RON W4RON@carolina.rr.com [ic706]"
To: ic706@yahoogroups.com
Subject: [ic706] 706 jumps back into tune?

?

I have a question for the 706 experts in the group.

I have an original IC-706 that I'm running in my mobile.
I have one of the plugs that lets the radio go into tune mode
when you press the tune button on the front panel.
I have a Daiwa cross needle SWR/Power meter between the radio
and the Pozy screwdriver antenna that I control with a center
off up/down switch.
I can tune the antenna so that the SWR is flat, but when I transmit
sometime (most of the time...) the radio will jump back into
tune just like I'd pressed the tune button. Most of the time I
can press the tune button again and it'll work alright for a while
but then sometimes it'll jump back into tune again.
It does it mostly on 20 meters, but every now and then it'll still
do it again.

Does anyone have an idea what the cause of this is.
I sure makes it a pain in the butt to use it.

cheers

LLAP

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
~~~~~~~~~~~~~~~~~~~

by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html
~~~~~~~~~~~~~~~~~~~

# 21500. Re: [ic706] Digest Number 3816

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-25 11:04:50 UTC
From: Ron Lawrence W4RON
Topic: 21500  Message: 21500

I didn't know there was any setting for "TUNE" in the
menu.
What should be the ideal setting for it.
I've been running it in my mobile for 3 years now.

Thanks

R-

---- ic706@yahoogroups.com wrote:
> Message
> _____
> 1. Re: 706 jumps back into tune (mode)?
> Posted by: "LARRY J. FORD" lford@... lford1951
> Date: Mon Aug 24, 2015 7:07 am ((PDT))
>
> First, check your "TUNE" settings in the SET menu (not QUICK SET)
> to determine whether you or someone else previously enabled the
> setting that causes the 706 to tune automatically. It could be
> that as you transmit, something in your feedline or Ron Pozy's
> clone of a Screwdriver Antenna is causing the SWR to rise and
> triggering the TUNE response.
>
> If that is not the case, perhaps one or more of the (few)
> components which comprise the typical "ICOM tuning modules
> (plugs)" has gone bad, opened-up, etc.
>
> Try swapping it out with a known good plug (or build a new one
> yourself using one of the many designs available on the
> Internet), and see if the symptom persists.
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: 11:22 AM EDT, 08/23/2015
> From: "Ron Lawrence W4RON W4RON@carolina.rr.com [ic706]"
> <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 jumps back into tune?
>
>
>
> I have a question for the 706 experts in the group.

>
> I have an original IC-706 that I'm running in my mobile.
> I have one of the plugs that lets the radio go into tune mode
> when you press the tune button on the front panel.
> I have a Daiwa cross needle SWR/Power meter between the radio
> and the Pozy screwdriver antenna that I control with a center
> off up/down switch.
> I can tune the antenna so that the SWR is flat, but when I
> transmit
> sometime (most of the time...) the radio will jump back into
> tune just like I'd pressed the tune button. Most of the time I
> can press the tune button again and it'll work alright for a
> while
> but then sometimes it'll jump back into tune again.
> It does it mostly on 20 meters, but every now and then it'll
> still
> do it again.
>
> Does anyone have an idea what the cause of this is.
> I sure makes it a pain in the butt to use it.
>
> cheers
>
> LLAP
>
> ~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~
>
> 73, Ron W4RON
>
> http://radioheaven.homestead.com/menu.html
>
>
>
>
>
>
>
>
>
> Messages in this topic (1)
>
>
>
>

>
> ---------------------------------------------------------------------
> Yahoo Groups Links
>
>
>
> ---------------------------------------------------------------------
>

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21501. Re: [ic706] Digest Number 3816

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-25 13:06:08 UTC
From: Richard Myers
Topic: 21500  Message: 21501

Here is what the manual says about auto tune:
27 A-TUNE STRT (auto tuner start)The optional AT-180 ANTENNA TUNER has an automatic

start capability which starts tuning if the SWR
is higher than 1.5–3.When “oFF” is selected, the tuner remains OFF evenwhen the SWR is poor (1.5–3).When “on” is selected, automatic tune starts even

when the tuner is turned OFF.
Note: Even when “on” is selected, automatic tune

does not start for the 50 MHz band.
Auto tune function OFF(default).Auto tune function ON.

  From: "Ron Lawrence W4RON W4RON@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Tuesday, August 25, 2015 6:04 AM
Subject: Re: [ic706] Digest Number 3816

  I didn't know there was any setting for "TUNE" in the
menu.
What should be the ideal setting for it.
I've been running it in my mobile for 3 years now.

Thanks

R-

---- ic706@yahoogroups.com wrote:
> Message
> ------------------------------------------------------------
> 1. Re: 706 jumps back into tune (mode)?
> Posted by: "LARRY J. FORD" lford@... lford1951
> Date: Mon Aug 24, 2015 7:07 am ((PDT))
>
> First, check your "TUNE" settings in the SET menu (not QUICK SET)
> to determine whether you or someone else previously enabled the
> setting that causes the 706 to tune automatically. It could be
> that as you transmit, something in your feedline or Ron Pozy's
> clone of a Screwdriver Antenna is causing the SWR to rise and
> triggering the TUNE response.
>
> If that is not the case, perhaps one or more of the (few)
> components which comprise the typical "ICOM tuning modules
> (plugs)" has gone bad, opened-up, etc.
>
> Try swapping it out with a known good plug (or build a new one
> yourself using one of the many designs available on the

> Internet), and see if the symptom persists.
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: 11:22 AM EDT, 08/23/2015
> From: "Ron Lawrence W4RON W4RON@carolina.rr.com [ic706]"
> <ic706@yahoogroups.com>
> To: ic706@...m
> Subject: [ic706] 706 jumps back into tune?
>
>
>
> I have a question for the 706 experts in the group.
>
> I have an original IC-706 that I'm running in my mobile.
> I have one of the plugs that lets the radio go into tune mode
> when you press the tune button on the front panel.
> I have a Daiwa cross needle SWR/Power meter between the radio
> and the Pozy screwdriver antenna that I control with a center
> off up/down switch.
> I can tune the antenna so that the SWR is flat, but when I
> transmit
> sometime (most of the time...) the radio will jump back into
> tune just like I'd pressed the tune button. Most of the time I
> can press the tune button again and it'll work alright for a
> while
> but then sometimes it'll jump back into tune again.
> It does it mostly on 20 meters, but every now and then it'll
> still
> do it again.
>
> Does anyone have an idea what the cause of this is.
> I sure makes it a pain in the butt to use it.
>
> cheers
>
> LLAP
>
> ~~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~~
>

> 73, Ron W4RON
>
> http://radioheaven.homestead.com/menu.html
>
>
>
>
>
>
>
>
>
> Messages in this topic (1)
>
>
>
>
>
> ------------------------------------------------------------
> Yahoo Groups Links
>
>
>
> ------------------------------------------------------------
>

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21502. Re: [ic706] Digest Number 3816

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-25 13:08:51 UTC
From: tech5110@...
Topic: 21500  Message: 21502

27 A-TUNE STRT (auto tuner start)
The optional AT-180 ANTENNA TUNER has an automatic start capability which starts tuning if the SWR is higher than 1.5–3.
When “oFF” is selected, the tuner remains OFF even when the SWR is poor (1.5–3).
When “on” is selected, automatic tune starts even when the tuner is turned OFF.
Note: Even when “on” is selected, automatic tune does not start for the 50 MHz band.
Auto tune function OFF
(default).
Auto tune function ON.

tech5110
Craig
KD0ZLR

# 21503. Re: [ic706] 706 jumps back into tune?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-25 14:19:43 UTC
From: LARRY J. FORD
Topic: 21497  Message: 21503

The action that you are describing sounds like you (or a predecessor owner) may have enabled the "PTT Tune" function.

Since you said you're using one of those "TUNE PLUGS" which I believe are designed to emulate the AH-3/AH-4 series of external auto-tuners, then in Section (Chapter) 7 of the Owner's Manual for the IC-706 (original version), on page 44, SET MENU ITEM 13, "PTT TUNE," it describes what that setting does, which is very close to your description, particularly if you have an issue with your feedline and/or antenna that would cause SWR to rise.

You need to go into the Initial SET mode of the radio, check ITEM 13 and determine what it's set to.? If set to "OFF" (which is the setting I use), then the Tune function is completely manual and operates only when the TUNE button is pushed.? If it's set to "ON" then it can and will tune on TX if the SWR is too high.

If ITEM 13 is set to "OFF" then you have another issue and others have offered "fixes" such as making sure both the radio and the antenna are well-grounded to the vehicle body.? Also, check the feedline between the radio and antenna and control cable from the remote control head to the radio chassis for cuts, nicks, etc.

Also, the Tune plug may be bad, or there's an issue with the antenna.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 07:05 AM EDT, 08/25/2015
From: "Ron Lawrence W4RON W4RON@... [ic706]"
To: ic706@yahoogroups.com
Subject: Re: [ic706] Digest Number 3816

?

I didn't know there was any setting for "TUNE" in the
menu.
What should be the ideal setting for it.
I've been running it in my mobile for 3 years now.

Thanks

R-

---- ic706@yahoogroups.com wrote:
> Message
> _____
> 1. Re: 706 jumps back into tune (mode)?
> Posted by: "LARRY J. FORD" lford@... lford1951
> Date: Mon Aug 24, 2015 7:07 am ((PDT))

>
> First, check your "TUNE" settings in the SET menu (not QUICK SET)
> to determine whether you or someone else previously enabled the
> setting that causes the 706 to tune automatically. It could be
> that as you transmit, something in your feedline or Ron Pozy's
> clone of a Screwdriver Antenna is causing the SWR to rise and
> triggering the TUNE response.
>
> If that is not the case, perhaps one or more of the (few)
> components which comprise the typical "ICOM tuning modules
> (plugs)" has gone bad, opened-up, etc.
>
> Try swapping it out with a known good plug (or build a new one
> yourself using one of the many designs available on the
> Internet), and see if the symptom persists.
>
> Larry J. Ford
> K4AEC
>
>
>
> ------ Original Message ------
> Received: 11:22 AM EDT, 08/23/2015
> From: "Ron Lawrence W4RON W4RON@... [ic706]"
>
> To: ic706@yahoogroups.com
> Subject: [ic706] 706 jumps back into tune?
>
>
>
> I have a question for the 706 experts in the group.
>
> I have an original IC-706 that I'm running in my mobile.
> I have one of the plugs that lets the radio go into tune mode
> when you press the tune button on the front panel.
> I have a Daiwa cross needle SWR/Power meter between the radio
> and the Pozy screwdriver antenna that I control with a center
> off up/down switch.
> I can tune the antenna so that the SWR is flat, but when I
> transmit
> sometime (most of the time...) the radio will jump back into
> tune just like I'd pressed the tune button. Most of the time I
> can press the tune button again and it'll work alright for a
> while
> but then sometimes it'll jump back into tune again.
> It does it mostly on 20 meters, but every now and then it'll
> still
> do it again.
>
> Does anyone have an idea what the cause of this is.

> I sure makes it a pain in the butt to use it.
>
> cheers
>
> LLAP
>
> ~~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~~
>
> 73, Ron W4RON
>
> http://radioheaven.homestead.com/menu.html
>
>
>
>
>
>
>
>
>
>
> Messages in this topic (1)
>
>
>
>
>
> ------------------------------------------------------------
> Yahoo Groups Links
>
>
>
> ------------------------------------------------------------
>

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21504. Re: 706 jumps back into tune

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-26 23:26:52 UTC
From: Ron Lawrence W4RON
Topic: 21504  Message: 21504

That did the trick, I set the tune mode to "off" and
the problem went away.
I guess the previous owner had used it with a tuner.

Thanks a bunch. It works fine now, I worked several stations
on 20 this after with no more problems.

73, Ron

> > 1. Re: 706 jumps back into tune (mode)?
> > Posted by: "LARRY J. FORD" lford@... lford1951
> > Date: Mon Aug 24, 2015 7:07 am ((PDT))
> >
> > First, check your "TUNE" settings in the SET menu (not QUICK SET)
> > to determine whether you or someone else previously enabled the
> > setting that causes the 706 to tune automatically. It could be
> > that as you transmit, something in your feedline or Ron Pozy's
> > clone of a Screwdriver Antenna is causing the SWR to rise and
> > triggering the TUNE response.
> >

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21505. Re: [ic706] Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-26 19:51:05 UTC
From: Ken Cook
Topic: 21488  Message: 21505

Would you be interested in sell one.
TNX
de KE7WMI
---
On Fri, 8/21/15, gw0div@... [ic706] <ic706@yahoogroups.com> wrote:

Subject: Re: [ic706] Rig control without control head
To: ic706@yahoogroups.com
Date: Friday, August 21, 2015, 2:52 AM

I have 1 706mk2g and 2 control heads!!

Rhys

GW0DIV

# 21506. Re: Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-27 07:47:41 UTC
From: yahog706@...
Topic: 21488  Message: 21506

There are a couple of projects about remote control of the IC-706MKIIG over TCP/IP:
IC-706 http://www.oz9aec.net/index.php/ic-706

IC-706 http://www.oz9aec.net/index.php/ic-706 OZ9AEC website by Alexandru Csete - dedicated to open source research in space technology, communications and Linux.

View on www.oz9aec.net http://www.oz9aec.net/index.php/ic-706
Preview by Yahoo

SM7LCB, Radio ICOM IC-706 http://sm0lcb.no-ip.org/remote/part_icom_706/index.htm

http://sm0lcb.no-ip.org/remote/part_icom_706/index.htm

SM7LCB, Radio ICOM IC-706 http://sm0lcb.no-ip.org/remote/part_icom_706/index.htm SM7LCB, Radio ICOM IC-706 Last updated 31 January 2007. Back SM7LCB remote page

View on sm0lcb.no-ip.org http://sm0lcb.no-ip.org/remote/part_icom_706/index.htm
Preview by Yahoo

So in theory it should be possible to emulate the control head on one of the involved computers.

But I realize "Nothing is impossible to those not carrying it out themselves"
(A quote that I usually dedicate to my XYL ;-) )

Vy 73 de Lars OZ1CJX

# 21507. Re: [ic706] Re: 706 jumps back into tune

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-27 14:55:30 UTC
From: LARRY J. FORD
Topic: 21504  Message: 21507

Yeah, sometimes it pays to RTFM!

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 07:27 PM EDT, 08/26/2015
From: "Ron Lawrence W4RON W4RON@... [ic706]"
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706 jumps back into tune

?

That did the trick, I set the tune mode to "off" and
the problem went away.
I guess the previous owner had used it with a tuner.

Thanks a bunch. It works fine now, I worked several stations
on 20 this after with no more problems.

73, Ron

> > 1. Re: 706 jumps back into tune (mode)?
> > Posted by: "LARRY J. FORD" lford@... lford1951
> > Date: Mon Aug 24, 2015 7:07 am ((PDT))
> >
> > First, check your "TUNE" settings in the SET menu (not QUICK SET)
> > to determine whether you or someone else previously enabled the
> > setting that causes the 706 to tune automatically. It could be
> >; that as you transmit, something in your feedline or Ron Pozy's
> > clone of a Screwdriver Antenna is causing the SWR to rise and
> > triggering the TUNE response.
> >

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21508. Re: [ic706] Re: Rig control without control head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-27 20:12:23 UTC
From: Ken Cook
Topic: 21488  Message: 21508

Thanks for the info I'm going to take a look and see what I can do with it. ------ ---------- On Thu, 8/27/15, yahog706@... [ic706] <ic706@yahoogroups.com> wrote: Subject: [ic706] Re: Rig control without control head To: ic706@yahoogroups.com Date: Thursday, August 27, 2015, 1:47 AM There are a couple of projects about remote control of the IC-706MKIIG over TCP/IP: IC-706 IC-706 OZ9AEC website by Alexandru Csete - dedicated to open source research in space technology, communications and Linux. View on www.oz9aec.net Preview by Yahoo SM7LCB, Radio ICOM IC-706 SM7LCB, Radio ICOM IC-706 SM7LCB, Radio ICOM IC-706 Last updated 31 January 2007. Back SM7LCB remote page View on sm0lcb.no-ip.org Preview by Yahoo So in theory it should be possible to emulate the control head on one of the involved computers. But I realize "Nothing is impossible to those not carrying it out themselves" (A quote that I usually dedicate to my XYL ;-) ) Vy 73 de Lars OZ1CJX

# 21509. Little white switch of 706 remote head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-29 09:37:51 UTC
From: gary@...
Topic: 21509  Message: 21509

I have two problems here. One is I can't get the MB-63 bracket off (I got it on but note there is a warning about clipping it on backwards!). If I have to I'll live with it permanently mounted.

But what about the little white switch on the right side side (facing from the back)? What does it do and which is the correct position (up or down)?

Thanks.

706 newbie and idiot N2GEM

# 21510. Re: [ic706] Little white switch of 706 remote head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-29 13:25:41 UTC
From: Ken Winterling
Topic: 21509  Message: 21510

Gary,

I know that an incorrectly installed MB-63 bracket can be removed because I did it on a rig I acquired years ago. Unfortunately, it is too long ago to remember how I did it. I don't recall that it took much effort of ingenuity. Look at the diagram in the manual and you will see how it is attached. That should help you visualize what needs to be done.

The switch on the back of the control head changes the front panel audio jack between headphones and an external speaker. I don't recall the position for either use but I believe it is marked.

On Saturday, August 29, 2015, gary@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> I have two problems here. One is I can't get the MB-63 bracket off (I got
> it on but note there is a warning about clipping it on backwards!). If I
> have to I'll live with it permanently mounted.
>
> But what about the little white switch on the right side side (facing from
> the back)? What does it do and which is the correct position (up or down)?
>
> Thanks.
>
> 706 newbie and idiot N2GEM
>

--

Ken
WA2LBI
Sent from one of my mobile devices

# 21511. Re: [ic706] Little white switch of 706 remote head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-29 13:35:51 UTC
From: Randy Allen
Topic: 21509  Message: 21511

Looking at the head of my Shack 706 MKIIG, Up is for Phones, down is for Speaker

On 8/29/2015 09:25, Ken Winterling wa2lbi@... [ic706] wrote:
> Gary,
>
>
> I know that an incorrectly installed MB-63 bracket can be removed
> because I did it on a rig I acquired years ago. Unfortunately, it is
> too long ago to remember how I did it. I don't recall that it took much
> effort of ingenuity. Look at the diagram in the manual and you will see
> how it is attached. That should help you visualize what needs to be done.
>
> The switch on the back of the control head changes the front panel audio
> jack between headphones and an external speaker. I don't recall the
> position for either use but I believe it is marked.
>
>
> On Saturday, August 29, 2015, gary@...
> <mailto:gary@...> [ic706] <ic706@yahoogroups.com
> <mailto:ic706@yahoogroups.com>> wrote:
>
> --
>
> I have two problems here. One is I can't get the MB-63 bracket off
> (I got it on but note there is a warning about clipping it on
> backwards!). If I have to I'll live with it permanently mounted.
>
> But what about the little white switch on the right side side
> (facing from the back)? What does it do and which is the correct
> position (up or down)?
>
> Thanks.
>
> 706 newbie and idiot N2GEM
>
>
>
> --
>
> Ken
> WA2LBI
> Sent from one of my mobile devices
>
>

--
Randy Allen, KAØAZS

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

# 21512. Re: [ic706] Little white switch of 706 remote head

Yahoo group: ic706 (2010 — 2015)
Date: 2015-08-30 03:46:58 UTC
From: gary@...
Topic: 21509  Message: 21512

Thanks, guys. Problem solved! Awesome users group!

# 21513. Icom R-70 Advice

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-05 15:40:52 UTC
From: David Stinson
Topic: 21409  Message: 21513

I know this isn't an R-70 forum, but the R-70 group has been
dead for over a year and I'm hoping someone here can point
me in the right direction.
My R-70 receiver display and encoder operate correctly,
going up and down in frequecy normally.
However, the frequency displayed is often not the frequency
to which the radio is actually tuned.

For example, on 40 meters:
Displayed Actual
7002 7063
7015 7065
7020 7065.5
7035 7067

At 7075, it tracks normally until about 7125, then swoops
to 7166.5 and continues the ".5 KC move for 5 KC displayed"
behaviour.

On 20 meters:
14290-298 tracks normally.
Switch to 299 displayed and it is actually on 14359.
Displayed Actual
14099 14160
14398 14398
14399 14460

I have the service manual; this is likely a hung bit
somewhere. I can puzzle it out over a week but
I'm hoping one of you folks has seen this before
or knows someone who has.

Thanks for your patience,
73 OM DE Dave AB5S

# 21514. Remote head cable

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-06 00:07:20 UTC
From: af6bc@...
Topic: 21514  Message: 21514

Hi All,
Does anyone know if a computer cat 5 cable will work to seperate the control head from the radio?
Floyd
AF6BC

# 21515. Re: Remote head cable

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-06 03:12:08 UTC
From: skyjeepaviation@...
Topic: 21514  Message: 21515

you should take care to use the twisted pairs of CAT5 accordingly. Dont know the max. distance.

1 is a power on/off control, could pair with 3
2 is ground, could pair with 7
3 has 12v and TX audio
4 is ground, could pair with 8
5 is RX audio, could pair with 6
6 has 12v when set is on
7 is display data
8 is control data

# 21516. need help

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-05 01:17:43 UTC
From: paddy973@...
Topic: 11645  Message: 21516

hi I have a 706 mk2g in my xtrail I have a z100 tuner connected to it, my problem is its ok when I tune it but when I talk into the mic the swr goes out of the window, the antenna is a multiband one from maplins but its made by Nevada. Henry M0HQJ

# 21517. RE: [ic706] Digest Number 3822

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-07 15:17:01 UTC
From: radioranger44
Topic: 21517  Message: 21517

Do you always shift into AM mode before pressing the tune button? If left in SSB mode you probably won't get a valid tuning. At least I don't with mine.

Sent from my Verizon Wireless 4G LTE smartphone

# 21518. Re: [ic706] Digest Number 3822

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-08 03:27:19 UTC
From: Facility 406 DM09
Topic: 21517  Message: 21518

": Do you always shift into AM mode before pressing the tune button? If left in SSB mode you probably won't get a valid tuning. At least I don't with mine."

Doesn't the rig automatically shift to CW and drop the power to 10W?

Kurt

# 21519. Re: [ic706] Digest Number 3822

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-08 04:39:56 UTC
From: mikerodgerske5gbc@...
Topic: 21517  Message: 21519

Doesn't the tune button put in cw regardless of am or ssb?

73
Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.

On Sep 7, 2015, at 10:17 AM, "radioranger44 radioranger44@... [ic706]" <ic706@yahoogroups.com> wrote:

> Do you always shift into AM mode before pressing the tune button? If left in SSB mode you probably won't get a valid tuning. At least I don't with mine.
>
>
> Sent from my Verizon Wireless 4G LTE smartphone
>
>
>

# 21520. Re: [ic706] Digest Number 3822

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-08 05:26:21 UTC
From: mikerodgerske5gbc@...
Topic: 21517  Message: 21520

If I'm not using the tune button, I usually use rtty, just seems less steps and should generate less emission with a much narrow signal than Am. I used to use am many moons ago but you need to reduce power anyway so AM really no advantage.

73
Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.

On Sep 7, 2015, at 11:39 PM, "mikerodgerske5gbc@... [ic706]" <ic706@yahoogroups.com> wrote:

> Doesn't the tune button put in cw regardless of am or ssb?
>
> 73
> Mike R
>
> Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.
>
> On Sep 7, 2015, at 10:17 AM, "radioranger44 radioranger44@... [ic706]" <ic706@yahoogroups.com> wrote:
>
>>
>> Do you always shift into AM mode before pressing the tune button? If left in SSB mode you probably won't get a valid tuning. At least I don't with mine.
>>
>>
>> Sent from my Verizon Wireless 4G LTE smartphone
>
>

# 21521. Re: [ic706] Digest Number 3822

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-08 14:06:43 UTC
From: LARRY J. FORD
Topic: 21517  Message: 21521

"Doesn't the rig automatically shift to CW and drop the power to 10W?

Kurt "

Yes, it does, IF you have one of the specified (in the manual) ICOM external tuners (e.g., AH-x series) attached to the 4-pin tuner connection on the back of the rig, or a third-party tuner that "emulates" one of the specified ICOM tuners (e.g., MFJ-998, and lesser variants).

There are also the "Tuner Plugs" out there for sale (or that you can make yourself using the proper Molex-style connector and properly valued capacitor and resistor), which "trick" the microprocessor in the 706 into "sensing" that an ICOM tuner is attached.

In either of those cases, the rig will respond as you describe above when the "TUNE" button is pushed.

If you have nothing attached, or a non-ICOM tune attached, it will not.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 11:42 PM EDT, 09/07/2015
From: "'Facility 406 DM09' facility_406@... [ic706]"
To:
Subject: Re: [ic706] Digest Number 3822

?

": Do you always shift into AM mode before pressing the tune button? If left in SSB mode you probably won't get a valid tuning. At least I don't with mine."

Doesn't the rig automatically shift to CW and drop the power to 10W?

Kurt

# 21522. 706 separation kit?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-19 05:34:58 UTC
From: Ron Lawrence W4RON
Topic: 21522  Message: 21522

I have an original 706, not Mk2,
I wonder if it requires a separation cable made just
for this radio or will any 706 separation cable work?

Now for the real question, does anyone have a separation
kit laying around they'd like to see put to a good use?

I just bought me a Dodge Caravan to replace my '91 Buick PA
that I wrecked a few weeks ago. The mounting system that
I used in the Buick won't work in the van so I have to
build something new and I think being able to mount
the head up where it's easier to use would be the ticket.
The way I had it mounted in the old Buick I could rest
my right arm on the center armrest and my right hand would
just lay right on the 706 tuning knob. I hope to build
a mount that'll allow me to do this in the van. I don't
want a mount that requires me to reach for the know.
I do too much tuning around on HF for that to work.

Thanks a bunch guys.

~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21523. headset connections

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-20 15:08:56 UTC
From: starshippe@...
Topic: 21523  Message: 21523

. . i am a new owner of a 706, and although most of my operation will be cw, I would like to get my headset connected for ssb. my heil headset has the usual 1/8 inch plugs. I understand I will need either a ptt switch or to use vox. I notice both audio in and mic audio available at several connectors.
. . what has been found to be the most efficient method for connecting the headset? are there standard jumpers already made up and available on ebay?
. . I used the search function but did not find answers to this particular question, I certainly could have missed them.

thanks and 73,
bill
k4tve

# 21524. Re: 706 separation kit?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-21 08:15:30 UTC
From: kg4mlo@...
Topic: 21522  Message: 21524

Distracted driving perhaps??

Ron KG4MLO

# 21525. Re: [ic706] 706 separation kit?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-21 12:37:02 UTC
From: Joe Isabella
Topic: 21522  Message: 21525

Any IC-706 separation kit will work. They're all the same.

Joe,
N3JI

> On Sep 19, 2015, at 00:34, Ron Lawrence W4RON W4RON@... [ic706] <ic706@yahoogroups.com> wrote:
>
> I have an original 706, not Mk2,
> I wonder if it requires a separation cable made just
> for this radio or will any 706 separation cable work?
>
> Now for the real question, does anyone have a separation
> kit laying around they'd like to see put to a good use?
>
> I just bought me a Dodge Caravan to replace my '91 Buick PA
> that I wrecked a few weeks ago. The mounting system that
> I used in the Buick won't work in the van so I have to
> build something new and I think being able to mount
> the head up where it's easier to use would be the ticket.
> The way I had it mounted in the old Buick I could rest
> my right arm on the center armrest and my right hand would
> just lay right on the 706 tuning knob. I hope to build
> a mount that'll allow me to do this in the van. I don't
> want a mount that requires me to reach for the know.
> I do too much tuning around on HF for that to work.
>
> Thanks a bunch guys.
>
> ~~~~~~~~~~~~~~~~~~~~
> Knee-deep in the cosmic overwhelm, I’m stricken
> by the ricochet wonder of it all: the plain
>
> everythingness of everything, in cahoots
> with the everythingness of everything else.
> ~~~~~~~~~~~~~~~~~~~~
>
> 73, Ron W4RON
>
> http://radioheaven.homestead.com/menu.html
>
>

# 21526. Re: [ic706] headset connections

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-21 12:43:07 UTC
From: Joe Isabella
Topic: 21523  Message: 21526

Heil makes a specific headset for the 706 (that plugs directly into it) because of its need for a fairly high input level at the mic jack. Is this an Original 706 or a later variant? There is a trick that can be done to overcome that using the compressor, but we need to know which variant you have.

About adapters, if Heil doesn't make one, it shouldn't be too hard to build one. All you'd need is an RJ45 pigtail and a couple 1/8" female connectors.

Joe,
N3JI

> On Sep 20, 2015, at 10:08, starshippe@... [ic706] <ic706@yahoogroups.com> wrote:
>
> . . i am a new owner of a 706, and although most of my operation will be cw, I would like to get my headset connected for ssb. my heil headset has the usual 1/8 inch plugs. I understand I will need either a ptt switch or to use vox. I notice both audio in and mic audio available at several connectors.
>
> . . what has been found to be the most efficient method for connecting the headset? are there standard jumpers already made up and available on ebay?
>
> . . I used the search function but did not find answers to this particular question, I certainly could have missed them.
>
>
>
> thanks and 73,
>
> bill
>
> k4tve
>
>

# 21527. Re: [ic706] Re: 706 separation kit?

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-21 11:41:12 UTC
From: bw
Topic: 21522  Message: 21527

no, just want to get the headset hooked up.
portable work holds my interest more than mobile.

thanks,
bill

From: mailto:ic706@yahoogroups.com
Sent: Monday, September 21, 2015 4:15 AM
To: ic706@yahoogroups.com
Subject: [ic706] Re: 706 separation kit?

Distracted driving perhaps??

Ron KG4MLO

# 21528. Re: headset connection

Yahoo group: ic706 (2010 — 2015)
Date: 2015-09-22 16:52:04 UTC
From: Ron Lawrence W4RON
Topic: 21528  Message: 21528

I have a Heil headset made for the 706 that I use in the mobile,
I got in a trade from a local ham friend.

It works great, plug and play, no problems at all.

R-

> 2a. Re: headset connections
> Posted by: "Joe Isabella" n3ji@... n3ji
> Date: Mon Sep 21, 2015 5:41 am ((PDT))
>
> Heil makes a specific headset for the 706 (that plugs directly into it)
because of its need for a fairly high input level at the mic jack. Is this an
Original 706 or a later variant? There is a trick that can be done to overcome
that using the compressor, but we need to know which variant you have.
>
> Joe,
> N3JI
>

~~~~~~~~~~~~~~~~~~~~
Knee-deep in the cosmic overwhelm, I’m stricken
by the ricochet wonder of it all: the plain

everythingness of everything, in cahoots
with the everythingness of everything else.
~~~~~~~~~~~~~~~~~~~~

73, Ron W4RON

http://radioheaven.homestead.com/menu.html

# 21529. Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-05 17:58:08 UTC
From: mm0cxa@...
Topic: 21529  Message: 21529

Hi all

This is the first time I have posted on this group and hope that someone can help me. I have just pruchased a 2nd hand Ic 706Mkii with a fault on the frequency dial. When you turn the dial the frequency will change for about two or three digits and then, even though you keep turning the dial nothing happens. It just jumps back and forth between 2 numbers - 5 to 6 and back again, that sort of thing.
Might make me sound like a right numpty but I had one of these radios before and really enjoyed using it. Would like to get this one sorted if I can.

Cheers
Andy MM0CXA

# 21530. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 00:39:19 UTC
From: LARRY J. FORD
Topic: 21529  Message: 21530

Sounds like a problem with the encoder.
Larry
K4AEC

------ Original Message ------
Received: 08:30 PM EDT, 10/05/2015
From: "mm0cxa@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Frequency readout jumping when turn dial

> Hi all
>
> This is the first time I have posted on this group and hope that someone can help me. I have just pruchased a 2nd hand Ic 706Mkii with a fault on the frequency dial. When you turn the dial the frequency will change for about two or three digits and then, even though you keep turning the dial nothing happens. It just jumps back and forth between 2 numbers - 5 to 6 and back again, that sort of thing.
> Might make me sound like a right numpty but I had one of these radios before and really enjoyed using it. Would like to get this one sorted if I can.
>
> Cheers
> Andy MM0CXA
>
>

# 21531. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 15:12:08 UTC
From: <awaschka@...>
Topic: 21529  Message: 21531

My IC-735 had the same problem. I used a dual trace scope and verified that the encoder pulses were getting processed wrong. I took the encoder apart and cleaned it. There was a lot of dust in there, but that didn't fix the problem. I then noted that if the radio was left on for a day or so the problem went away. The current working theory is that there is a bad cap or some other component in the immediate vicinity of the encoder that is changing as the radio heats up or as voltage builds up on a defective cap. I have not yet taken the time to try to find the defective component.

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Monday☐, ☐October☐ ☐5☐, ☐2015 ☐8☐:☐39☐ ☐PM
To: Yahoo! Inc.

Sounds like a problem with the encoder.
Larry
K4AEC

------ Original Message ------
Received: 08:30 PM EDT, 10/05/2015
From: "mm0cxa@amsat.org [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Frequency readout jumping when turn dial

> Hi all
>
> This is the first time I have posted on this group and hope that someone can help me. I have just pruchased a 2nd hand Ic 706Mkii with a fault on the frequency dial. When you turn the dial the frequency will change for about two or three digits and then, even though you keep turning the dial nothing happens. It just jumps back and forth between 2 numbers - 5 to 6 and back again, that sort of thing.
> Might make me sound like a right numpty but I had one of these radios before and really enjoyed using it. Would like to get this one sorted if I can.
>
> Cheers
> Andy MM0CXA
>
>

# 21532. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 15:36:47 UTC
From: R. Blackman
Topic: 21529  Message: 21532

check for a bad or cold solder joint near or at the encoder
It may be changing as the radio warms up.

Richard VA3NDO

----- Original Message -----
From: awaschka@... [ic706]
To: Yahoo! Inc.
Sent: Tuesday, October 06, 2015 11:12 AM
Subject: Re: [ic706] Frequency readout jumping when turn dial

My IC-735 had the same problem. I used a dual trace scope and verified that the encoder pulses were getting processed wrong. I took the encoder apart and cleaned it. There was a lot of dust in there, but that didn't fix the problem. I then noted that if the radio was left on for a day or so the problem went away. The current working theory is that there is a bad cap or some other component in the immediate vicinity of the encoder that is changing as the radio heats up or as voltage builds up on a defective cap. I have not yet taken the time to try to find the defective component.

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Monday☐, ☐October☐ ☐5☐, ☐2015 ☐8☐:☐39☐ ☐PM
To: Yahoo! Inc.

Sounds like a problem with the encoder.
Larry
K4AEC

------ Original Message ------
Received: 08:30 PM EDT, 10/05/2015
From: "mm0cxa@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Subject: [ic706] Frequency readout jumping when turn dial

> Hi all
>
> This is the first time I have posted on this group and hope that someone can help me. I have just pruchased a 2nd hand Ic 706Mkii with a fault on the frequency dial. When you turn the dial the frequency will change for about two or three digits and then, even though you keep turning the dial nothing happens. It just jumps back and forth between 2 numbers - 5 to 6 and back again, that sort of thing.
> Might make me sound like a right numpty but I had one of these radios before and really enjoyed using it. Would like to get this one sorted if I can.

>
> Cheers
> Andy MM0CXA
>
>

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

# 21533. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 08:00:29 UTC
From: mm0cxa@...
Topic: 21529  Message: 21533

Thanks Larry. Would you happen to know if that would be an easy fix?

73
Andy Burns MM0CXA

# 21534. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 11:59:06 UTC
From: Paul Klawunn
Topic: 21529  Message: 21534

Andy: I had a similar problem with my PRO 3. The VCO shaft is worn ( not really the shaft, but the soft zinc housing). You can replace the VCO or adjust the existing one. The aluminium cover needs to be removed by bending the tabs. The three or four connections for the PC board need to be unsoldered and the board removed. You can then see how the pickup is adjustable so the clearance to the "wheel" set. I would suggest a complete disassemble and cleaning of the shaft and housing be done. Lubricate with a good quality synthetic motor oil (0w-5w) sparingly (!) I wish I could tell you an exact clearance dimension, I just moved mine a "smidgen" and mine works fine. The worn housing with the right lube gives the tuning knob a nice light frictionless feel, which I like. Good luck with it, if you need more you have my email address. I might be able to send pictures. Good luck, Paul, KJ4AMH.

On Mon, Oct 5, 2015 at 8:39 PM, 'LARRY J. FORD' lford@... [ic706] <ic706@yahoogroups.com> wrote:

> Sounds like a problem with the encoder.
> Larry
> K4AEC
>
> ------ Original Message ------
> Received: 08:30 PM EDT, 10/05/2015
> From: "mm0cxa@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Subject: [ic706] Frequency readout jumping when turn dial
>
> > Hi all
> >
> > This is the first time I have posted on this group and hope that someone
> can
> help me. I have just pruchased a 2nd hand Ic 706Mkii with a fault on the
> frequency dial. When you turn the dial the frequency will change for about
> two or three digits and then, even though you keep turning the dial nothing
> happens. It just jumps back and forth between 2 numbers - 5 to 6 and back
> again, that sort of thing.
> > Might make me sound like a right numpty but I had one of these radios
> before
> and really enjoyed using it. Would like to get this one sorted if I can.
> >
> > Cheers
> > Andy MM0CXA
> >
> >
>

>
>
>
> ------------------------------------
> Posted by: "LARRY J. FORD" <lford@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

# 21535. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-06 18:12:30 UTC
From: LARRY J. FORD
Topic: 21529  Message: 21535

As others have posted, encoders are apparently available, or bench repairs may solve the problem.

As to how "easy" either would be, I defer to others, but would have to say it may depend upon on handy and confident you are in your own abilities.

For me, an encoder replacement or repair would mean the rig is making a trip to my favorite ICOM technician's shop, Matt Adrian owner/operator of ICOM Service Center Mid-West in Michigan!

I can do basic soldering and the like (over the weekend, I de-soldered the lithium back-up battery in my 82 year-old Elmer's old TS-50, and soldered in a new one), and have built a few kits, do some basic trouble-shooting, etc., but anything "mission critical" that has a chance of bricking the rig is going to a qualified shop.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 01:48 PM EDT, 10/06/2015
From: "mm0cxa@... [ic706]"
To: ic706@yahoogroups.com
Subject: Re: [ic706] Frequency readout jumping when turn dial

?

Thanks Larry. Would you happen to know if that would be an easy fix?

73
Andy Burns MM0CXA

# 21536. Re: [ic706] Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-07 08:51:05 UTC
From: Andy Burns
Topic: 21529  Message: 21536

Thanks for all the help and advice concerning my jumping frequency on the 706 mkii.  Now that I know what I am looking for I will have a go and see what happens.
Like you, Larry, I am okay with some fixes but not 100% sure on others.  One of my friends is a bit more savvy with this stuff and will help out if required.
Thanks again to all that replied.
73Andy Burns MM0CXA

# 21537. Separation Cable

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-11 05:34:17 UTC
From: kg4mlo@...
Topic: 13945  Message: 21537

Does anyone know of a cable longer than the OPC-587? I need 30 feet.

Ron KG4MLO

# 21538. Here's your chance

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-11 09:19:55 UTC
From: g8eci@...
Topic: 21538  Message: 21538

Unable to show full message.
You can view it by clicking [here](http://8edaa88385d25a85f.6a386f364de6b5b811aab13fd.f979424bc38505c9eaf42.sslmessagereadist.com/?dfiixy=nI8=&vofa=6&wfz=732320&sz=8edaa88385d25a85fff8981e900a33ec&ouqe=nJZ3ZQMNrJSbo29apz91pUZhL29g&q=7.4.2194)

error code: 11380 (Sun Oct 11 11:19:55 CEST 2015)

# 21539. Re: Separation Cable

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-11 15:43:07 UTC
From: gw0div@...
Topic: 13945  Message: 21539

Cut the cable and fit RJ45's then extend it with a network cable!!

Rhys
GW0DIV

# 21540. MDSR Group releases version 3.1

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-14 20:20:52 UTC
From: alexschwarz237@...
Topic: 21540  Message: 21540

Hi Everybody;

The MDSR group has participated in the TAPR conference in Chicago last weekend, where we besides of presenting a paper also announced the latest version of the MDSR software.

The new version also contains the new spectrum analyzer integrated into the MDSR software. This allows new features such as scrolling frequency marquee and highlighted IF pass window. All in all the new addition to the MDSR software makes it absolutely essential to upgrade to the new version.

The new version can be downloaded from the MDSR website in the download section.
http://users.skynet.be/myspace/mdsr

To find out how to turn your rig into a IF SDR using the LIF2014 kit and the MDSR software go to our website and download the specific transceiver mod PDF file from there. I you can not find your rig in the listings join the MDSRadio Yahoo user group and browse through our files and pictures.

All the best and 73;

The MDSR Team
Hi Everybody;

The MDSR group has participated in the TAPR conference in Chicago last weekend, where we besides of presenting a paper also announced the latest version of the MDSR software.

The new version also contains the new spectrum analyzer integrated into the MDSR software. This allows new features such as scrolling frequency marquee and highlighted IF pass window. All in all the new addition to the MDSR software makes it absolutely essential to upgrade to the new version.

The new version can be downloaded from the MDSR website in the download section.
http://users.skynet.be/myspace/mdsr

To find out how to turn your rig into a IF SDR using the LIF2014 kit and the MDSR software go to our website and download the specific transceiver mod PDF file from there. I you can not find your rig in the listings join the MDSRadio Yahoo user group and browse through our files and pictures.

All the best and 73;

The MDSR Team

# 21541. Re: IC706 Rotary Encoder

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-15 16:42:23 UTC
From: sm6ehy@...
Topic: 13442  Message: 21541

Hi,
just had an accident and destroyed my rotary encoder also.
ICOM still does not have a replacement.
The manufacturer of the encoder ALPS does on the other hand have replacements for this 916G !
I just installed an ALPS STEC16B03 encoder with 24 pulses per turn in place of the original.
Crossing 2 pins corrected the bilateral pulse chain in both directions.
Underside view the pins are (left to right) A -B - C.
The working pin config for IC706 is B - A - C.

The cost of this mechanical electric encoder is some US$ 3.
The obsolete ICOM part was priced at US$ 71.

The most recent product catalogue from ALPS indicate that the used STEC16B03 is now made smaller and this new one is named: EC12E2430804.

EC12E2430804 Price & Stock | DigiPart http://www.digipart.com/part/EC12E2430804 and other distributers.

http://www.digipart.com/part/EC12E2430804

EC12E2430804 Price & Stock | DigiPart http://www.digipart.com/part/EC12E2430804
EC12E2430804 Price, EC12E2430804 Stock, Buy EC12E2430804 from electronic components distributors. Instant result for EC12E2430804

View on www.digipart.com http://www.digipart.com/part/EC12E2430804
Preview by Yahoo

The feeling when turning my new dial is exactly as the former original one.

Good luck with Your repairs.

# 21542. Re: Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-15 16:57:04 UTC
From: sm6ehy@...
Topic: 21529  Message: 21542

Hi,
exchange encoders are available for the ICOM 706. The original was made by ALPS and named 916G.
The new replacement, which is a bit smaller in size, but fits very good is
ALPS EC12E2430804. This is the most recent issue and still in production.

Available from a number of distributors around.
The little older encoder family of STEC16B03 which is a bit larger than the EC12E... but smaller than the original ICOM type.
This STEC16B03 is for example available from Distrelec.ch / ELFA.se at a affordable price.

ICOM charged some US$ 70 for the original part, but these new substitutes can be found for US$ 3 !

Good luck with Your repair.
73
Bjoern / SM6EHY

# 21543. Substitute VFO encoders

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-15 17:27:10 UTC
From: sm6ehy@...
Topic: 21543  Message: 21543

Hi all,
Quite a number of owners have experienced problems with the VFO-dial encoder.
This unit was made by ALPS and was marked -916G-.

Original spare part price from ICOM was in order of US$ 70...

The substitute I found is priced at around US$ 2.5 to 3.0 !

ALPS STEC16B03
or the most recent type
EC12E2430804.
The underside view of contacts on these encoders are (left to right) A - B - C.
To function in the IC706 two pins have to be crossed when connecting to the fronts circuit board.
The working order is B - A - C.
With 24 pulses per revolution the feeling of this new encoder is exactly like the original.

Gather that other ICOMs use the same type of encoders from ALPS.
Good luck with Your repairs,
73
Bjoern, SM6EHY

# 21544. IC-706 intermittent cw

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-16 13:13:17 UTC
From: eaoxer@...
Topic: 21544  Message: 21544

Hello All,

Here's a strange one. Listening to cw there is an intermittent dropping of the tone which sounds like
you are listening to cw on am. This is kind of a raspy sound and not a pleasant cw note at all. Can't really predict when this will happen but usually in the middle of a cw qso and then it will go back to normal just as un predictably.

Any hunches, theories or guesses are appreciated. Anticipating a fix in time for cw sweeps.

Thanks and 73,

Ed, W8EO

# 21545. Re: Frequency readout jumping when turn dial

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-16 07:56:44 UTC
From: Andy Burns
Topic: 21529  Message: 21545

Hi All
I managed to source a new rotary encoder from Icom UK for the princely sum of £21.75 inc postage and VAT.  It was indeed this item that was causing my problem and, although I was a bit apprehensive, it turned out to be quite an easy fix.
The number on the rear of the faulty unity is 704G (made by Alps).  What I noticed was that from the casing to the 3 connections you can see 3 tracks.  On my new unit they show as 3 gold coloured  lines.  However, on the old one there is 2 gold and one black.  I don't know if this indicates the problem but it probably relates to something not being right.  I am going to split the casing and investigate further when I get the chance.73Andy Burns MM0CXA

# 21546. Re: [ic706] IC-706 intermittent cw

Yahoo group: ic706 (2010 — 2015)
Date: 2015-10-17 02:29:26 UTC
From: Facility 406 DM09
Topic: 21544  Message: 21546

I have a very vague recollection of something like that happening with ALC ( I think that's the setting) in CW and AM. Raspy and drops... I'm going from having done it once in the mid-90's, check ALC, AGC and NB, one of those can do it. From what I recall, something about the quality/level of the received signal would trigger this setting with a result like what you describe. Could be something else, but those are the first things I would check.

Kurt

# 21547. Schematic of Circuit for Heil HS-2 PTT Hand Switch

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-13 19:33:43 UTC
From: LARRY J. FORD
Topic: 21547  Message: 21547

Does anyone have a schematic of the circuit for the Heil HS-2 Hand PTT Switch that you can forward on to me?

Thanks.

Larry J. Ford
K4AEC

# 21548. RE: [ic706] Schematic of Circuit for Heil HS-2 PTT Hand Switch

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-14 01:36:56 UTC
From: Ken, WA2LBI
Topic: 21547  Message: 21548

Larry,
I do not have a switch nor schematic but since the plug is a single circuit TR (Tip and Ring) type I suspect the PTT switch is just a SPST or DPST that shorts the Tip (PTT) to the Ring (ground).  Do you have reason to believe it is more complicated?
KenWA2LBI
Sent from my S5

-------- Original message --------
From: "'LARRY J. FORD' lford@usa.net [ic706]" <ic706@yahoogroups.com>
Date: 11/13/2015 14:33 (GMT-05:00)
To: ic706 <ic706@yahoogroups.com>, ic7200 <ic7200@yahoogroups.com>, IcomTuner <IcomTuner@yahoogroups.com>, Ameritron-Amps <Ameritron-Amps@yahoogroups.com>
Subject: [ic706] Schematic of Circuit for Heil HS-2 PTT Hand Switch

Does anyone have a schematic of the circuit for the Heil HS-2 Hand PTT Switch that you can forward on to me?

Thanks.

Larry J. Ford

K4AEC

Reply via web post

•

.

# 21549. RE: [ic706] Schematic of Circuit for Heil HS-2 PTT Hand Switch

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-15 01:54:05 UTC
From: LARRY J. FORD
Topic: 21547  Message: 21549

No, just wondering what it is, if it is something like you describe.? Nevertheless, I'd like to see it.? Heil Sound said they did not have a schematic they could send, which I thought was a bit odd.

Thanks.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 08:37 PM EST, 11/13/2015
From: "'Ken, WA2LBI' wa2lbi@gmail.com [ic706]"
To: ic706@yahoogroups.com, ic7200 , IcomTuner , Ameritron-Amps
Subject: RE: [ic706] Schematic of Circuit for Heil HS-2 PTT Hand Switch

?

Larry,

I do not have a switch nor schematic but since the plug is a single circuit TR (Tip and Ring) type I suspect the PTT switch is just a SPST or DPST that shorts the Tip (PTT) to the Ring (ground). ?Do you have reason to believe it is more complicated??

Ken

WA2LBI

Sent from my S5

-------- Original message --------
From: "'LARRY J. FORD' lford@... [ic706]" <;ic706@yahoogroups.com>
Date: 11/13/2015 14:33 (GMT-05:00)
To: ic706 , ic7200 , IcomTuner , Ameritron-Amps
Subject: [ic706] Schematic of Circuit for Heil HS-2 PTT Hand Switch

?

Does anyone have a schematic of the circuit for the Heil HS-2 Hand PTT Switch that you can forward on to me?

Thanks.

Larry J. Ford
K4AEC
?

Reply via web post (https://groups.yahoo.com/neo/groups/ic706/conversations/messages/21547;_ylc=X3oDMTJxNXRmNGdpBF9TAzk3MzU5NzE0BGdycElkAzEwMjY0NjkEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lk

AzIxNTQ3BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTQ0NzQ0MzIzMA--?act=reply&messageNum=21547)

•

?

.

# 21550. No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 02:02:28 UTC
From: Tom
Topic: 21550  Message: 21550

My brother-in-law just called me and said he sold a 706 on eBay and the guy that got it reports it has no CW on any bands. Voice works fine. Any ideas on troubleshooting from afar? He reports the buyer did a full reset with no joy.

Thanks,
Tom
W5GV

# 21551. Re: [ic706] No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 02:09:15 UTC
From: Al Waschka
Topic: 21550  Message: 21551

Make sure the key or paddle is plugged into the correct jack and uses the right plug. Make sure the menu is set for key or paddle, whichever is being used.

Al

Sent from my iPhone

> On Nov 23, 2015, at 9:02 PM, 'Tom' tseals4@... [ic706] <ic706@yahoogroups.com> wrote:
>
> My brother-in-law just called me and said he sold a 706 on eBay and the guy that got it reports it has no CW on any bands. Voice works fine. Any ideas on troubleshooting from afar? He reports the buyer did a full reset with no joy.
>
>
> Thanks,
>
> Tom
>
> W5GV
>
>

# 21552. Re: [ic706] No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 05:52:51 UTC
From: Mike Gormley
Topic: 21550  Message: 21552

What do you mean by "No CW"? Can you not select CW mode, does it not
show up as an option, or once in CW mode, no transmit?

Mike Gormley, WA8VEC
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 11/23/2015 9:02 PM, 'Tom' tseals4@... [ic706] wrote:
>
> My brother-in-law just called me and said he sold a 706 on eBay and
> the guy that got it reports it has no CW on any bands. Voice works
> fine. Any ideas on troubleshooting from afar? He reports the buyer did
> a full reset with no joy.
>
> Thanks,
>
> Tom
>
> W5GV
>
>
> ---------------------------------------------------------------------
> Posted by: "Tom" <tseals4@...>
> ---------------------------------------------------------------------
>
>
>
>
>
>
>
>
>
>
>

# 21553. Re: [ic706] No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 13:24:29 UTC
From: Joe
Topic: 21550  Message: 21553

On 11/24/2015 12:52 AM, Mike Gormley WA8VEC@... [ic706] wrote:
>
>
> What do you mean by "No CW"? Can you not select CW mode, does it not
> show up as an option, or once in CW mode, no transmit?

This confused me too. Just thinking, what would happen if the radio had an optional filter, but someone removed it and forgot to set Mode 9 and/or 10 to no filter?

Also, check Mode 1 to make sure CW is not inhibited.

I would think that the CPU reset would have cleared these. ( While pushing ▲and ▼, push [POWER] key )

Joe

# 21554. Re: No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 15:49:33 UTC
From: yahog706@...
Topic: 21550  Message: 21554

Is (Full) CW break-in selected? Otherwise the sidetone is heard but the transmitter is not keyed.

Look for BK or F-BK in the display.

Vy 73 de Lars / OZ1CJX

# 21555. Re: [ic706] Re: No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-24 22:24:09 UTC
From: steve schumm
Topic: 21550  Message: 21555

I have the IC-706MK2G. I do not know if your radio is the same way as mine. But to access the main menu in the radio.. With the power turned off, press down on the lock button and power button at the same time. This will activate the main menu, when you see the number one, Hit the mode button until it shows CW, if it says off then rotate the tuning knob to the right and it will say ON. Thn turn the radio off and back on and the CW will show up. I never did a full restore on the radio. Also as stated by some one else, If you hear CW sidetone with the key, make sure the break-in turned on...73-Steve
From: "yahog706@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Tuesday, November 24, 2015 10:49 AM
Subject: [ic706] Re: No CW

Is (Full) CW break-in selected? Otherwise the sidetone is heard but the transmitter is not keyed.

Look for BK or F-BK in the display.

Vy 73 de Lars / OZ1CJX

# 21556. RE: [ic706] No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-25 01:31:56 UTC
From: Tom
Topic: 21550  Message: 21556

No transmit.

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Monday, November 23, 2015 10:53 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] No CW

What do you mean by "No CW"? Can you not select CW mode, does it not show up as an option, or once in CW mode, no transmit?

Mike Gormley, WA8VEC
Sebring, FL
Cell:
www.Mike-Gormley.com
www.Facebook.com/Mike.Gormley.Caller

On 11/23/2015 9:02 PM, 'Tom' tseals4@... [ic706] wrote:

My brother-in-law just called me and said he sold a 706 on eBay and the guy that got it reports it has no CW on any bands. Voice works fine. Any ideas on troubleshooting from afar? He reports the buyer did a full reset with no joy.

Thanks,

Tom

W5GV

---

Posted by: "Tom" <mailto:tseals4@...> <tseals4@...>

---

# 21557. RE: [ic706] Re: No CW

Yahoo group: ic706 (2010 — 2015)
Date: 2015-11-25 04:17:41 UTC
From: Tom
Topic: 21550  Message: 21557

Thanks everyone for your help. Turns out he had an external wiring issue. I know, it's only a couple of wires……

My 706 is in the truck and I've never even tried CW on that rig so I had no experience with it to help.

Tom W5GV

From: ic706@yahoogroups.com [mailto:ic706@yahoogroups.com]
Sent: Tuesday, November 24, 2015 3:24 PM
To: ic706@yahoogroups.com
Subject: Re: [ic706] Re: No CW

I have the IC-706MK2G. I do not know if your radio is the same way as mine. But to access the main menu in the radio.. With the power turned off, press down on the lock button and power button at the same time. This will activate the main menu, when you see the number one, Hit the mode button until it shows CW, if it says off then rotate the tuning knob to the right and it will say ON. Thn turn the radio off and back on and the CW will show up. I never did a full restore on the radio. Also as stated by some one else, If you hear CW sidetone with the key, make sure the break-in turned on...73-Steve

---

From: "yahog706@... [ic706] <mailto:yahog706@...%20[ic706]> " <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Tuesday, November 24, 2015 10:49 AM
Subject: [ic706] Re: No CW

Is (Full) CW break-in selected? Otherwise the sidetone is heard but the transmitter is not keyed.

Look for BK or F-BK in the display.

Vy 73 de Lars / OZ1CJX

# 21558. Loss of Broadcast band reception

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-01 18:41:52 UTC
From: g o
Topic: 21558  Message: 21558

Anyone have an idea what would cause the AM broadcast band to no longer work with respect to being able to listen to the band. Has worked fine for years and suddenly stopped receiving AM , for a while it would not receive then if you left the rig on it would start to work-but now nothing and I am physically close to the local AM transmitter (mile away) so signal strength should not be an issue. I am thinking there is a relay? that is not connecting the band to the antenna port? Rig is a 'plain' 706 not a Mark II Appreciate any help hate to have to send it back to Icom for them to charge $100+ just to listen the local AM station when I want to hear the news. Thanks in advance for any and all help

# 21559. Re: [ic706] Loss of Broadcast band reception

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-01 23:32:15 UTC
From: steve schumm
Topic: 21558  Message: 21559

Hi- Any chance that you were in the main menu and turned off the AM function. I have a 706mk2g and I can ti\urn off any mode I do not use. I do not know if the 706 has this function???? 73-steve
From: "g o emd645@hotmail.com [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Tuesday, December 1, 2015 1:41 PM
Subject: [ic706] Loss of Broadcast band reception

Anyone have an idea what would cause the AM broadcast band to no longer work with respect to being able to listen to the band. Has worked fine for years and suddenly stopped receiving AM , for a while it would not receive then if you left the rig on it would start to work-but now nothing and I am physically close to the local AM transmitter (mile away) so signal strength should not be an issue. I am thinking there is a relay? that is not connecting the band to the antenna port? Rig is a 'plain' 706 not a Mark II Appreciate any help hate to have to send it back to Icom for them to charge $100+ just to listen the local AM station when I want to hear the news. Thanks in advance for any and all help

# 21560. 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 03:36:16 UTC
From: tune41@...
Topic: 21560  Message: 21560

Hey I need someone I can trust to work on my icom 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2. Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21561. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 09:42:52 UTC
From: Ralph Mowery
Topic: 21560  Message: 21561

Did you try Matt at sarts1.com ?  He is an Icom repair person with a great reputation .  He repaired a 7062g for me several years ago.  Reasonable and about 2 weeks from my house and back.

From: "tune41@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

<!--#yiv8089422874 #yiv8089422874 .yiv8089422874ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8089422874 div.yiv8089422874ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8089422874 div.yiv8089422874photo-title a, #yiv8089422874 div.yiv8089422874photo-title a:active, #yiv8089422874 div.yiv8089422874photo-title a:hover, #yiv8089422874 div.yiv8089422874photo-title a:visited {text-decoration:none;}#yiv8089422874 div.yiv8089422874attach-table div.yiv8089422874attach-row {clear:both;}#yiv8089422874 div.yiv8089422874attach-table div.yiv8089422874attach-row div {float:left;}#yiv8089422874 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8089422874 div.yiv8089422874ygrp-file {width:30px;}#yiv8089422874 div.yiv8089422874attach-table div.yiv8089422874attach-row div div a {text-decoration:none;}#yiv8089422874 div.yiv8089422874attach-table div.yiv8089422874attach-row div div span {font-weight:normal;}#yiv8089422874 div.yiv8089422874ygrp-file-title {font-weight:bold;}#yiv8089422874 --> <!--#yiv8089422874 #yiv8089422874ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv8089422874 #yiv8089422874ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv8089422874 #yiv8089422874ygrp-mkp #yiv8089422874hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv8089422874 #yiv8089422874ygrp-mkp #yiv8089422874ads {margin-bottom:10px;}#yiv8089422874 #yiv8089422874ygrp-mkp .yiv8089422874ad {padding:0 0;}#yiv8089422874 #yiv8089422874ygrp-mkp .yiv8089422874ad p {margin:0;}#yiv8089422874 #yiv8089422874ygrp-mkp .yiv8089422874ad a {color:#0000ff;text-decoration:none;}-->

  Hey I need someone I can trust to work on my icom  706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.  Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21562. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 15:33:49 UTC
From: LARRY J. FORD
Topic: 21560  Message: 21562

Ordinarily, Matt Adrian at ICOM Service Center - Midwest is my first and only choice for service on my ICOM rigs.

However, I tried to send an IC-706MKII to Matt a few months ago, and he declined, saying that ICOM no longer supports them.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 04:43 AM EST, 12/03/2015
From: "Ralph Mowery ku4pt@... [ic706]"
To: "ic706@yahoogroups.com"
Subject: Re: [ic706] 706 mk II

?

Did you try Matt at sarts1.com ? ?He is an Icom repair person with a great reputation . ?He repaired a 7062g for me several years ago. ?Reasonable and about 2 weeks from my house and back.

From: "tune41@... [ic706]"
To: ic706@yahoogroups.com
Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

Hey I need someone I can trust to work on my icom? 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.? Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21563. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 12:54:32 UTC
From: Joe
Topic: 21560  Message: 21563

What is the serial number of your radio? If it is a IC-706mkII you may
be out of luck if the final transistors are bad. Older PA transistors
are now unobtainable.

Look at: <http://jvgavila.com/ic706.htm> for serial # information.

Joe

On 12/2/2015 10:36 PM, tune41@... [ic706] wrote:
>
> Hey I need someone I can trust to work on my icom 706 mk II it is
> only putting about 10 wtts when it is set on H. My drive is up and swr
> is 1.2. Icom says they don't work on the 706 mk II anymore. If anyone
> can give tips that would be nice. 73.
>

# 21564. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 17:10:48 UTC
From: steve schumm
Topic: 21560  Message: 21564

Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ . He fixed mine at a fair price. On 440 the out put fluctuated between 12 to about zero watts. The output chip was bad..  He will let you know when to ship it to him. Every thing is on his web site, How to pack it, he uses ups and you print the packing slip off his web site. He gets a 5-star rating on eham. I gave him one.  73-Steve--WB2OEE

|  |
|  |  |  |  |  |
| Mike Nadeau - N1EQMike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine |
| |
| View on www.N1EQ.com. | Preview by Yahoo |
| |
|  |

From: "tune41@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

Hey I need someone I can trust to work on my icom  706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.  Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21565. icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-02 05:41:52 UTC
From: hamradioman12@...
Topic: 17442  Message: 21565

hello group i have icom 706 2meter and 6meter my problem is that hf works 6 meters works but the 2 meter side well transmit but not receive

# 21566. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 01:06:54 UTC
From: mikerodgerske5gbc@...
Topic: 21560  Message: 21566

Matt in Michigan gets lots of good reviews but sounds like he may not do 706's anymore but worth a contact.

Mike in Maine gets recommended also.

Seems like there is a guy near icom in Washington gets mentioned sometimes.

Not sure about finals for the mark2 no g but it wouldn't surprise me if they are no longer available. I sold my mk2 for that reason and now have 2 "g's" with the Mittsubishi finals and a spare set of those.
I liked the mk2, it seemed to run cooler in receive than the g's.

Good luck.

Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.

On Dec 3, 2015, at 11:10 AM, "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com> wrote:

> Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ . He fixed mine at a fair price. On 440 the out put fluctuated between 12 to about zero watts. The output chip was bad.. He will let you know when to ship it to him. Every thing is on his web site, How to pack it, he uses ups and you print the packing slip off his web site. He gets a 5-star rating on eham. I gave him one. 73-Steve--WB2OEE
>
>
>
>
>
>
> Mike Nadeau - N1EQ
> Mike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine
> View on www.N1EQ.com.
> Preview by Yahoo
>
>
>
> From: "tune41@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Sent: Wednesday, December 2, 2015 10:36 PM
> Subject: [ic706] 706 mk II
>
>
> Hey I need someone I can trust to work on my icom 706 mk II it is only putting about 10

wtts when it is set on H. My drive is up and swr is 1.2. Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.
>
>
>

# 21567. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 00:05:44 UTC
From: LARRY J. FORD
Topic: 21560  Message: 21567

Excuse me, but the rig under discussion is the ICOM IC-706MKII, NOT the IC-706MKIIG.

The 706MKII DOES NOT have 440 capability and is no longer supported by ICOM or some of the independently-owned authorized service centers.

The 706MKIIG DOES HAVE 440 capability and is still supported by ICOM and its affiliated service centers.

LJF
K4AEC

------ Original Message ------
Received: 04:55 PM EST, 12/03/2015
From: "steve schumm wb2oee@... [ic706]"
To: "ic706@yahoogroups.com"
Subject: Re: [ic706] 706 mk II

?

?Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ (http://www.n1eq.com./) . He fixed mine at a fair price. On 440 the out put fluctuated between 12 to about zero watts. The output chip was bad..? He will let you know when to ship it to him. Every thing is on his web site, How to pack it, he uses ups and you print the packing slip off his web site.?He gets a 5-star rating on eham. I gave him one.?
73-Steve--WB2OEE

?

?

?

?

?

?

Mike Nadeau - N1EQ (http://www.n1eq.com./)
Mike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine

View on www.N1EQ.com. (http://www.n1eq.com./)

Preview by Yahoo

?

From: "tune41@... [ic706]"
To: ic706@yahoogroups.com

Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

?

? Hey I need someone I can trust to work on my icom? 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.? Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21568. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 06:30:35 UTC
From: Facility 406 DM09
Topic: 21560  Message: 21568

"Not sure about finals for the mark2 no g but it wouldn't surprise me if they are no longer available."

How much power would the MKII put out without the PA?

I wonder if anyone came up with a mod to drop in one of those rectangular PA packages?

Krt

# 21569. Fwd: [ic706] icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 23:19:52 UTC
From: John Geiger
Topic: 21569  Message: 21569

---------- Forwarded message ----------
From: John Geiger <af5cc2@...>
Date: Thu, Dec 3, 2015 at 5:14 PM
Subject: Re: [ic706] icom 706
To: ic706@yahoogroups.com

This is a rather common problem for the 706 original. There are some small coils below the power connector, which can get damaged if the power connector is plugged and unplugged a lot. I have had one with this issue before myself.

73 John AF5CC

On Tue, Dec 1, 2015 at 11:41 PM, hamradioman12@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> hello group i have icom 706 2meter and 6meter my problem is that hf works
> 6 meters works but the 2 meter side well transmit but not receive
>
>
>
>
>

# 21570. Fwd: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-03 23:19:33 UTC
From: John Geiger
Topic: 21570  Message: 21570

---------- Forwarded message ----------
From: John Geiger <af5cc2@...>
Date: Thu, Dec 3, 2015 at 5:15 PM
Subject: Re: [ic706] 706 mk II
To: ic706@yahoogroups.com

There is also Kuni at Comtek (W7JV) and Scott Malcom at MTS Technical
Service. Both are highly recommended techs. I have had some dealings with
Scott before and he is a real nice guy as well.

73 John AF5CC

On Thu, Dec 3, 2015 at 11:10 AM, steve schumm wb2oee@... [ic706] <

ic706@yahoogroups.com> wrote:

>
>
> Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ
> <http://www.n1eq.com./> . He fixed mine at a fair price. On 440 the out
> put fluctuated between 12 to about zero watts. The output chip was bad..
> He will let you know when to ship it to him. Every thing is on his web
> site, How to pack it, he uses ups and you print the packing slip off his
> web site. He gets a 5-star rating on eham. I gave him one. 73-Steve--WB2OEE
>
>
>
>
>
>
> Mike Nadeau - N1EQ <http://www.n1eq.com./>
> Mike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine

> View on www.N1EQ.com. <http://www.n1eq.com./>
> Preview by Yahoo
>
>
>
> ------------------------------
> *From:* "tune41@... [ic706]" <ic706@yahoogroups.com>
> *To:* ic706@yahoogroups.com
> *Sent:* Wednesday, December 2, 2015 10:36 PM
> *Subject:* [ic706] 706 mk II
>
>
> Hey I need someone I can trust to work on my icom 706 mk II it is only

> putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.
> Icom says they don't work on the 706 mk II anymore. If anyone can give tips
> that would be nice. 73.
>
>
>
>

# 21571. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 10:08:47 UTC
From: mikerodgerske5gbc@...
Topic: 21560  Message: 21571

Ouch

73
Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.

On Dec 3, 2015, at 6:05 PM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com> wrote:

>
> Excuse me, but the rig under discussion is the ICOM IC-706MKII, NOT the IC-706MKIIG.
>
> The 706MKII DOES NOT have 440 capability and is no longer supported by ICOM or some of the independently-owned authorized service centers.
>
> The 706MKIIG DOES HAVE 440 capability and is still supported by ICOM and its affiliated service centers.
>
> LJF
> K4AEC
>
> ------ Original Message ------
> Received: 04:55 PM EST, 12/03/2015
> From: "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com>
> To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
> Subject: Re: [ic706] 706 mk II
>
>
>
> Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ . He fixed mine at a fair price. On 440 the out put fluctuated between 12 to about zero watts. The output chip was bad.. He will let you know when to ship it to him. Every thing is on his web site, How to pack it, he uses ups and you print the packing slip off his web site. He gets a 5-star rating on eham. I gave him one. 73-Steve--WB2OEE
>
>
>
>
>
>
> Mike Nadeau - N1EQ
> Mike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine
>
> View on www.N1EQ.com.

> Preview by Yahoo
>
>
>
>
> From: "tune41@... [ic706]" <ic706@yahoogroups.com>
> To: ic706@yahoogroups.com
> Sent: Wednesday, December 2, 2015 10:36 PM
> Subject: [ic706] 706 mk II
>
>
> Hey I need someone I can trust to work on my icom 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2. Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.
>
>
>
>
>
>

# 21572. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 14:51:15 UTC
From: Joe
Topic: 21560  Message: 21572

On 12/4/2015 1:30 AM, 'Facility 406 DM09' facility_406@...
[ic706] wrote:
I wonder if anyone came up with a mod to drop in one of those
rectangular PA packages?

Yes, but it involves some major surgery of the circuit board. Not for
the light hearted.

http://jvgavila.com/ic706.htm

73, Joe, K1ike

# 21573. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 14:59:42 UTC
From: LARRY J. FORD
Topic: 21560  Message: 21573

Yes, definitely "ouch" if you own an "original" IC-706 (NO "MK" designation) or its immediate successor, the IC-706MKII.

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 05:09 AM EST, 12/04/2015
From: "mikerodgerske5gbc@... [ic706]"
To: "ic706@yahoogroups.com"
Subject: Re: [ic706] 706 mk II

?

Ouch

73

Mike R

Find me on "Zello", a walkie talkie or handi talkie type app. I'm listed as KE5GBC. I'm mostly on late at night.?

On Dec 3, 2015, at 6:05 PM, "'LARRY J. FORD' lford@... [ic706]" <ic706@yahoogroups.com> wrote:

?

Excuse me, but the rig under discussion is the ICOM IC-706MKII, NOT the IC-706MKIIG.

The 706MKII DOES NOT have 440 capability and is no longer supported by ICOM or some of the independently-owned authorized service centers.

The 706MKIIG DOES HAVE 440 capability and is still supported by ICOM and its affiliated service centers.

LJF
K4AEC

------ Original Message ------
Received: 04:55 PM EST, 12/03/2015
From: "steve schumm wb2oee@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] 706 mk II

?

Get in touch with Mike Nadeau N1EQ in Maine. Go to Mike Nadeau - N1EQ (http://www.n1eq.com./) . He fixed mine at a fair price. On 440 the out put fluctuated between 12 to about zero watts. The output chip was bad..? He will let you know when to ship it to him. Every thing is on his web site, How to pack it, he uses ups and you print the packing slip off his web site.?He gets a 5-star rating on eham. I gave him one.? 73-Steve--WB2OEE

?

?

?

?

Mike Nadeau - N1EQ (http://www.n1eq.com./)
Mike Nadeau - N1EQ - Amateur / Ham Radio Repair in Maine

View on www.N1EQ.com. (http://www.n1eq.com./)

Preview by Yahoo

?

From: "tune41@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

?

? Hey I need someone I can trust to work on my icom? 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2.? Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21574. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 15:01:36 UTC
From: LARRY J. FORD
Topic: 21560  Message: 21574

"Yes, but it involves some major surgery of the circuit board. Not for the light hearted."

Nor for those unsteady of hand!

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 09:51 AM EST, 12/04/2015
From: "Joe k1ike_mail@... [ic706]"
To: ic706@yahoogroups.com
Subject: Re: [ic706] 706 mk II

?

On 12/4/2015 1:30 AM, 'Facility 406 DM09' facility_406@...
[ic706] wrote:
I wonder if anyone came up with a mod to drop in one of those
rectangular PA packages?

Yes, but it involves some major surgery of the circuit board. Not for the light hearted.

http://jvgavila.com/ic706.htm

73, Joe, K1ike

# 21575. Re: Fwd: [ic706] icom 706

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 17:30:25 UTC
From: Joe Isabella
Topic: 21569  Message: 21575

Yep -- me too.  When you open the radio, do it carefully so if they fall out, you'll be able to catch them and resolder them in place.  I moved them as far as I could from the power connector and never had the problem again.
Joe, N3JI
From: "John Geiger af5cc2@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Thursday, December 3, 2015 5:19 PM
Subject: Fwd: [ic706] icom 706

---------- Forwarded message ----------
From: John Geiger <af5cc2@...>
Date: Thu, Dec 3, 2015 at 5:14 PM
Subject: Re: [ic706] icom 706
To: ic706@yahoogroups.com

This is a rather common problem for the 706 original.  There are some small coils below the power connector, which can get damaged if the power connector is plugged and unplugged a lot.  I have had one with this issue before myself.

73 John AF5CC

On Tue, Dec 1, 2015 at 11:41 PM, hamradioman12@... [ic706] <ic706@yahoogroups.com> wrote:

  hello group i have icom 706 2meter and 6meter my problem is that hf works 6 meters works but the 2 meter side well transmit  but not receive

# 21576. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 21:51:29 UTC
From: ab2et@...
Topic: 21560  Message: 21576

I find it extremely sad that this information is corrrect, Checking the vast majority of the independent service crew they have De-listed The IC-706 and the IC-706MKII from their sites.
I guess that this line of Icom radios have now become TRUE ORPHAN Radios.
That will get the reputation as for Parts only Radios
73, Best Regards.
Steve
AB2ET/4

---In ic706@yahoogroups.com, <lford@...> wrote :

Ordinarily, Matt Adrian at ICOM Service Center - Midwest is my first and only choice for service on my ICOM rigs.

However, I tried to send an IC-706MKII to Matt a few months ago, and he declined, saying that ICOM no longer supports them.

Larry J. Ford
K4AEC

------ Original Message ------
Received: 04:43 AM EST, 12/03/2015
From: "Ralph Mowery ku4pt@... [ic706]" <ic706@yahoogroups.com>
To: "ic706@yahoogroups.com" <ic706@yahoogroups.com>
Subject: Re: [ic706] 706 mk II

Did you try Matt at sarts1.com ? He is an Icom repair person with a great reputation . He repaired a 7062g for me several years ago. Reasonable and about 2 weeks from my house and back.

From: "tune41@... [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Wednesday, December 2, 2015 10:36 PM
Subject: [ic706] 706 mk II

Hey I need someone I can trust to work on my icom 706 mk II it is only putting about 10 wtts when it is set on H. My drive is up and swr is 1.2. Icom says they don't work on the 706 mk II anymore. If anyone can give tips that would be nice. 73.

# 21577. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 23:36:58 UTC
From: Joe
Topic: 21560  Message: 21577

On 12/4/2015 4:51 PM, ab2et@... [ic706] wrote:
> I find it extremely sad that this information is corrrect,

You have to remember the first version of this radio came out around 1995, that's 20 years ago. It is amazing that this radio has had such a long run of successful operation. But, many parts are no longer available as happens with things that are "long in the tooth"'

73, Joe, K1ike

# 21578. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 00:20:15 UTC
From: Ralph Mowery
Topic: 21560  Message: 21578

That may be long in the tooth for many things, but for hams it is practically new.  I bet many are still using the Kenwood and Yeasu  rigs with the tubes in the finals.  I have a Yeasu 757 I use sometimes but keep it as a backup.  Also have the mk2G and the 746pro that I bought new a few years after they came out.  I don't plan on replacing the 746 for a long time.  Are there any beter newer rigs made now that are in the same price range ?  There may be some just as good, but probably not any that would be much beter at the same price.  Doesn't Yeasu still make the 757d that is just about as old ?
From: "Joe k1ike_mail@snet.net [ic706]" <ic706@yahoogroups.com>
To: ic706@yahoogroups.com
Sent: Friday, December 4, 2015 6:36 PM
Subject: Re: [ic706] 706 mk II

#yiv1543468318 #yiv1543468318 -- #yiv1543468318 .yiv1543468318ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1543468318
div.yiv1543468318ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv1543468318
div.yiv1543468318photo-title a, #yiv1543468318 div.yiv1543468318photo-title a:active,
#yiv1543468318 div.yiv1543468318photo-title a:hover, #yiv1543468318
div.yiv1543468318photo-title a:visited {text-decoration:none;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row {clear:both;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row div {float:left;}#yiv1543468318
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1543468318
div.yiv1543468318ygrp-file {width:30px;}#yiv1543468318 div.yiv1543468318attach-table
div.yiv1543468318attach-row div div a {text-decoration:none;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row div div span
{font-weight:normal;}#yiv1543468318 div.yiv1543468318ygrp-file-title
{font-weight:bold;}#yiv1543468318 #yiv1543468318

On 12/4/2015 4:51 PM, ab2et@yahoo.com [ic706] wrote:

#yiv1543468318 #yiv1543468318 -- #yiv1543468318 .yiv1543468318ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1543468318
div.yiv1543468318ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv1543468318
div.yiv1543468318photo-title a, #yiv1543468318 div.yiv1543468318photo-title a:active,
#yiv1543468318 div.yiv1543468318photo-title a:hover, #yiv1543468318
div.yiv1543468318photo-title a:visited {text-decoration:none;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row {clear:both;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row div {float:left;}#yiv1543468318
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1543468318
div.yiv1543468318ygrp-file {width:30px;}#yiv1543468318 div.yiv1543468318attach-table
div.yiv1543468318attach-row div div a {text-decoration:none;}#yiv1543468318
div.yiv1543468318attach-table div.yiv1543468318attach-row div div span
{font-weight:normal;}#yiv1543468318 div.yiv1543468318ygrp-file-title
{font-weight:bold;}#yiv1543468318 #yiv1543468318 #yiv1543468318 #yiv1543468318
--#yiv1543468318ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px

0;padding:0 10px;}#yiv1543468318 #yiv1543468318ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv1543468318 #yiv1543468318ygrp-mkp #yiv1543468318hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv1543468318 #yiv1543468318ygrp-mkp #yiv1543468318ads {margin-bottom:10px;}#yiv1543468318 #yiv1543468318ygrp-mkp .yiv1543468318ad {padding:0 0;}#yiv1543468318 #yiv1543468318ygrp-mkp .yiv1543468318ad p {margin:0;}#yiv1543468318 #yiv1543468318ygrp-mkp .yiv1543468318ad a {color:#0000ff;text-decoration:none;}#yiv1543468318  I find it extremely sad that  this information is corrrect,

You have to remember the first version of this radio came out around 1995, that's 20 years ago.  It is amazing that this radio has had such a long run of successful operation.  But, many parts are no longer available as happens with things that are "long in the tooth"'

73, Joe, K1ike

# 21579. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 01:23:25 UTC
From: Joe
Topic: 21560  Message: 21579

The problem is not that the radio is so outdated that it is no longer usable, but the support is not there for repairs. As you may have read in the past emails, repair centers and individual repair techs are no longer accepting these radios for repair. The simple answer is that some components are unobtainable and no longer in stock.

I have my second IC-706MkIIG on the bench next to my Kenwood. I sold my first one years ago when I found out it was not repairable if it failed. The person who bought it didn't care about repair problems. I like the present radio a lot and plan to keep it until it too becomes unrepairable. Then I'll probably sell it for parts.

73, Joe, K1ike

On 12/4/2015 7:20 PM, Ralph Mowery ku4pt@... [ic706] wrote:
> That may be long in the tooth for many things, but for hams it is
> practically new. I bet many are still using the Kenwood and Yeasu
> rigs with the tubes in the finals. I have a Yeasu 757 I use
> sometimes but keep it as a backup. Also have the mk2G and the 746pro
> that I bought new a few years after they came out. I don't plan on
> replacing the 746 for a long time.
> Are there any beter newer rigs made now that are in the same price
> range ? There may be some just as good, but probably not any that
> would be much beter at the same price. Doesn't Yeasu still make the
> 757d that is just about as old ?
>

# 21580. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-04 22:26:26 UTC
From: oakrocker@...
Topic: 21560  Message: 21580

I just used Matt to fix my IC-706MKllG. He repaired it using no parts so maybe that is his criteria for deciding to repair them or not. Got it back, today and he did a great job getting me back on the air. Give him a call at 269-429-2334 and ask him if that is the situation regarding repairing or not.

# 21581. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 15:13:21 UTC
From: <awaschka@...>
Topic: 21560  Message: 21581

I have a 706 which operates on VHF but not HF and a 706 MkII that has low deviation on FM. I had corresponded with several repair guys a year or so ago about the 706 but got the MkII and never sent it in. I just confirmed that Scot Malcom at MTS is still working on 706-series radios.

Scott Malcom
MTS
5130 Jackson Hwy
Toledo, WA 98591

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Friday☐, ☐December☐ ☐4☐, ☐2015 ☐5☐:☐26☐ ☐PM
To: Yahoo! Inc.

I just used Matt to fix my IC-706MKIIG. He repaired it using no parts so maybe that is his criteria for deciding to repair them or not. Got it back, today and he did a great job getting me back on the air. Give him a call at 269-429-2334 and ask him if that is the situation regarding repairing or not.

# 21582. Laptop for IC706MKIIG for sale

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 15:23:44 UTC
From: <w5sum@...>
Topic: 21560  Message: 21582

Good morning dear friends
I have a older Compaq Laptop that is surplus to me now. It works GREAT. It already has N1MM+ on it and set up for a ICOM 706 MKIIG.
Already set up for Rig Control too, but you will have to build your own cable for CW control. I'm keeping mine. Already has VE7CC cluster
software on it.
Has an Intel 1.40 Ghz processor, 1 GB of Ram, working wireless adapter, regular network port, of course USB and a regular SERIAL port.
Running Windows XP 2002 Service pack 3. Comes with the power supply and that's all. NO case or other accessories.
$50 and its yours all set up for your 706. I'll even pay shipping in CONUS only, overseas, Hawaii Alaska and Canada, and across
the ocean requires you to pay actual shipping fees.
Money Order only.
Thanks
Ronnie W5SUM

---

Reply via web post • Reply to sender • Reply to group • Start a New Topic • Messages in this topic (17)
.

# 21583. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 17:29:42 UTC
From: LARRY J. FORD
Topic: 21560  Message: 21583

He can effect repairs on ALL models in the entire 706 line, not just the IC-706MKIIG (which is still supported by ICOM, but not the two earlier models)?

Larry J. Ford
K4AEC
?

------ Original Message ------
Received: 10:16 AM EST, 12/05/2015
From: "awaschka@... [ic706]"
To: Yahoo! Inc.
Subject: Re: [ic706] 706 mk II

?

I have a 706 which operates on VHF but not HF and a 706 MkII that has low deviation on FM.? I had corresponded with several repair guys a year or so ago about the 706 but got the MkII and never sent it in.? I just confirmed that Scot Malcom at MTS is still working on 706-series radios.

Scott Malcom
MTS
5130 Jackson Hwy
Toledo,? WA? 98591

Al

Sent from Windows Mail

From:?Yahoo! Inc.
Sent:?☐Friday☐, ☐December☐ ☐4☐, ☐2015 ☐5☐:☐26☐ ☐PM
To:?Yahoo! Inc.

?

I just used Matt to fix my IC-706MKllG.? He repaired it using no parts so maybe that is his criteria for deciding to repair them or not. Got it back, today and he did a great job getting me back on the air. Give him a call at 269-429-2334 and ask him if that is the situation regarding repairing or not.

# 21584. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 17:49:28 UTC
From: <awaschka@...>
Topic: 21560  Message: 21584

Yes,

He said I could send him my original and my MkII

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Saturday☐, ☐December☐ ☐5☐, ☐2015 ☐12☐:☐29☐ ☐PM
To: Yahoo! Inc.

He can effect repairs on ALL models in the entire 706 line, not just the IC-706MKIIG (which is still supported by ICOM, but not the two earlier models)?

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:16 AM EST, 12/05/2015
From: "awaschka@bellsouth.net [ic706]" <ic706@yahoogroups.com>
To: Yahoo! Inc. <ic706@yahoogroups.com>
Subject: Re: [ic706] 706 mk II

I have a 706 which operates on VHF but not HF and a 706 MkII that has low deviation on FM. I had corresponded with several repair guys a year or so ago about the 706 but got the MkII and never sent it in. I just confirmed that Scot Malcom at MTS is still working on 706-series radios.

Scott Malcom
MTS
5130 Jackson Hwy
Toledo, WA 98591

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Friday☐, ☐December☐ ☐4☐, ☐2015 ☐5☐:☐26☐ ☐PM
To: Yahoo! Inc.

I just used Matt to fix my IC-706MKllG. He repaired it using no parts so maybe that is his criteria for deciding to repair them or not. Got it back, today and he did a great job getting me back on the air. Give him a call at 269-429-2334 and ask him if that is the situation regarding repairing or not.

# 21585. Re: [ic706] 706 mk II

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-05 17:50:24 UTC
From: <awaschka@...>
Topic: 21560  Message: 21585

Now that may have depended on the problems I described….

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Saturday☐, ☐December☐ ☐5☐, ☐2015 ☐12☐:☐49☐ ☐PM
To: Yahoo! Inc.

Yes,

He said I could send him my original and my MkII

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Saturday☐, ☐December☐ ☐5☐, ☐2015 ☐12☐:☐29☐ ☐PM
To: Yahoo! Inc.

He can effect repairs on ALL models in the entire 706 line, not just the IC-706MKIIG (which is still supported by ICOM, but not the two earlier models)?

Larry J. Ford
K4AEC

------ Original Message ------
Received: 10:16 AM EST, 12/05/2015
From: "awaschka@bellsouth.net [ic706]" <ic706@yahoogroups.com>
To: Yahoo! Inc. <ic706@yahoogroups.com>
Subject: Re: [ic706] 706 mk II

I have a 706 which operates on VHF but not HF and a 706 MkII that has low deviation on FM. I had corresponded with several repair guys a year or so ago about the 706 but got the MkII and never sent it in. I just confirmed that Scot Malcom at MTS is still working on 706-series radios.

Scott Malcom
MTS
5130 Jackson Hwy
Toledo, WA 98591

Al

Sent from Windows Mail

From: Yahoo! Inc.
Sent: ☐Friday☐, ☐December☐ ☐4☐, ☐2015 ☐5☐:☐26☐ ☐PM
To: Yahoo! Inc.

I just used Matt to fix my IC-706MKllG. He repaired it using no parts so maybe that is his criteria for deciding to repair them or not. Got it back, today and he did a great job getting me back on the air. Give him a call at 269-429-2334 and ask him if that is the situation regarding repairing or not.

# 21586. Cannot Turn off on Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-17 12:30:19 UTC
From: rugby29au@...
Topic: 21586  Message: 21586

Hi. A friend of mine cannot turn off his 706 MKII with the power switch on the rig. Switch appears to be working physically - ie nice spring back when released. When turned off at power supply and then turned back on the rig comes on where it last was. Works fine otherwise.
Keith VK4KH

# 21587. Re: [ic706] Cannot Turn off on Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-17 12:49:18 UTC
From: Paul Klawunn
Topic: 21586  Message: 21587

Keith: Sometimes my ic-706 mk 2g gets confused. I push and hold the power button to turn off the rig, it turns off but comes back on. With the rig on I press the power button quickly once, The radio will now tun off normally with a "long" push of the power button. It may take several tries to get the rig back into sync. Good luck, Paul, KJ4AMH.

On Thu, Dec 17, 2015 at 7:30 AM, rugby29au@... [ic706] <ic706@yahoogroups.com> wrote:

>
>
> Hi. A friend of mine cannot turn off his 706 MKII with the power switch
> on the rig. Switch appears to be working physically - ie nice spring back

> when released. When turned off at power supply and then turned back on the
> rig comes on where it last was. Works fine otherwise.
> Keith VK4KH

>
>
>
>
>
>

# 21588. Re: [ic706] Cannot Turn off on Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-18 02:42:43 UTC
From: Facility 406 DM09
Topic: 21586  Message: 21588

"Switch appears to be working physically - ie nice spring back when released. When turned off at power supply and then turned back on the rig comes on where it last was. Works fine otherwise."

I haven't pulled one of these open yet, but I "repaired" hundreds of mobile data terminals for a company I worked for in the 90's.

Depending on the design of the switch, it could be a metallic dome under the key, or a carbonized paint. The domes can crack and shift, yet still "bounce back" when a key is pressed. When this happens, the failure to work properly, yet appearing to, is close to 100%.

More common is an elastomeric switch. This can be some sort of rubber-like composite material or silicone switch body under the key. These are common in "soft" switches, modern computer keyboards, most telephones, radios, et cetera. In this case, the contact is a carbonized rubber/paint. These have a life-cycle, which can be hundreds of thousands of presses. They do fail. The extent of that is the conductive carbonized material wearing thin, or off. Everything still "feels" OK, but the sensing circuitry in the radio doesn't sense the right resistance and doesn't know a key has been pressed.

I have HEARD of people using conductive paint or glue and re-coating the back of the switch. Be careful that there is no excess material when painting. I have not seen or done it myself.

I HAVE seen and done- using a paper hole punch, cut a small circle (for adequately sized switches) and putting an aluminum disk on the back of the switch to replace the carbonized material entirely.

I have not seen these disks fail in over a decade, but there is a chance of metallic debris in the switch area after a lot of use.

The easiest, if you do your own work is buy a replacement switch from Icom.

If they don't have one, pull one from something else. Electronic refuse is available for free by the truckload, just look around or ask around. TVs, VCRs, DVD players, computers, laptops, you name it, LOTS of switches.... Find a similar switch in good condition and swap parts or switches.

Aside from that... There is mention of various Icom repair shops on this list.

Kurt

# 21589. Re: [ic706] Cannot Turn off on Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-18 02:18:47 UTC
From: Deen Attan
Topic: 21586  Message: 21589

Try reset cpu.
On 17 Dec 2015 21:40, "Paul Klawunn kj4amh@... [ic706]" <
ic706@yahoogroups.com> wrote:

>
>
> Keith: Sometimes my ic-706 mk 2g gets confused. I push and hold the power
> button to turn off the rig, it turns off but comes back on. With the rig on
> I press the power button quickly once, The radio will now tun off normally
> with a "long" push of the power button. It may take several tries to get
> the rig back into sync. Good luck, Paul, KJ4AMH.
>
> On Thu, Dec 17, 2015 at 7:30 AM, rugby29au@yahoo.com.au [ic706] <
> ic706@yahoogroups.com> wrote:
>
>>
>>
>> Hi. A friend of mine cannot turn off his 706 MKII with the power switch
>> on the rig. Switch appears to be working physically - ie nice spring back
>> when released. When turned off at power supply and then turned back on the
>> rig comes on where it last was. Works fine otherwise.
>> Keith VK4KH
>>
>>
>>
>>
>>
>
>

# 21590. Re: [ic706] Cannot Turn off on Rig

Yahoo group: ic706 (2010 — 2015)
Date: 2015-12-18 08:14:59 UTC
From: Premanand Raj
Topic: 21586  Message: 21590

Hi

Please try cleaning the connector pins between front panel and base unit.
Ty with pencil errassor to clean the connector contacts.

Rds,

Prem
A65BK

On Thu, Dec 17, 2015 at 4:30 PM, rugby29au@... [ic706] <
ic706@yahoogroups.com> wrote:

>
>
> Hi. A friend of mine cannot turn off his 706 MKII with the power switch
> on the rig. Switch appears to be working physically - ie nice spring back
> when released. When turned off at power supply and then turned back on the
> rig comes on where it last was. Works fine otherwise.
> Keith VK4KH
>
>
>
>